

Ezee-On

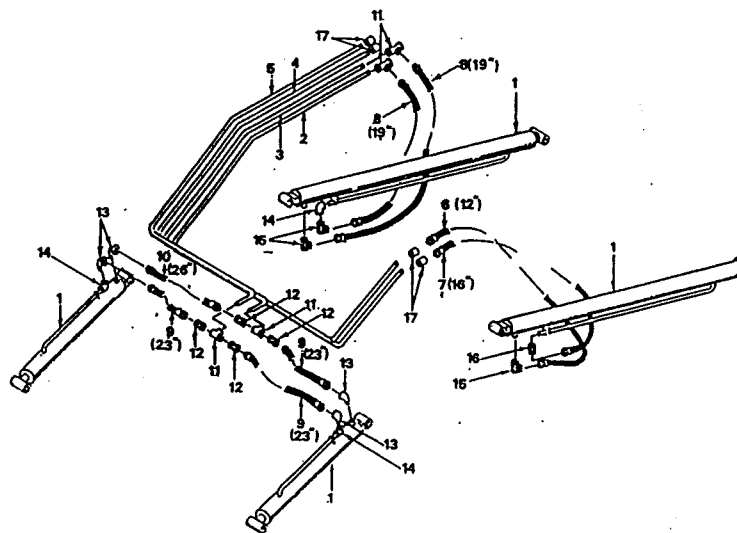
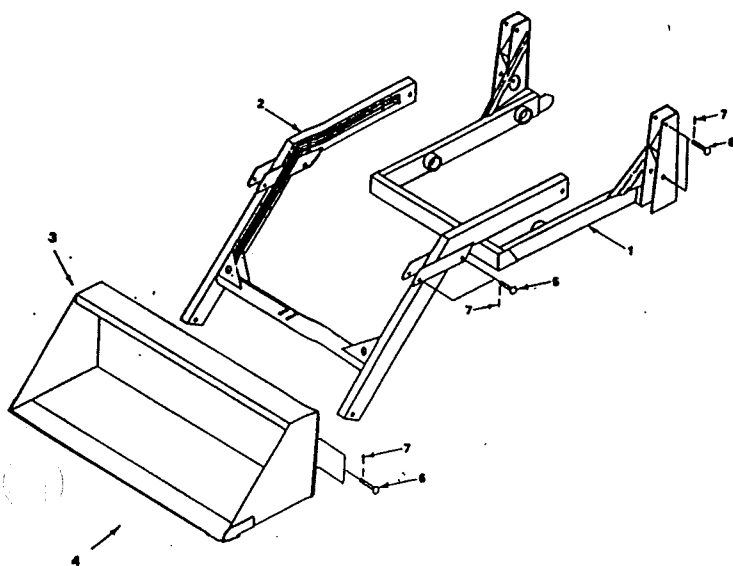
Parts Books

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MODEL 20 LOADER



H-FRAME, YOKE & BUCKET

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB200	YOKE ASSEMBLY c/w 4 PINS	1
2	LB215	MAIN FRAME ASSEMBLY c/w 4 PINS	1
3	LB365	48" BUCKET ASSEMBLY c/w 4 PINS	*
	LB375	54" BUCKET ASSEMBLY c/w 4 PINS	*
	LB380	60" BUCKET ASSEMBLY c/w 4 PINS	*
BACK OF BUCKET	L350	BUCKET ATTACHING LUG (Weld-On)	4
4	L348	48" BUCKET BLADE (Weld-On)	*
	L358	54" BUCKET BLADE (Weld-On)	*
	L363	60" BUCKET BLADE (Weld-On)	*
5	L643	3/4" x 2-13/16" PIN	4
6	L667	3/4" x 3-11/16" PIN	8
7		3/16" x 1-1/4" COTTER PIN	12
NOT SHOWN	10GN1	1/4" - 28 GREASE NIPPLE	4

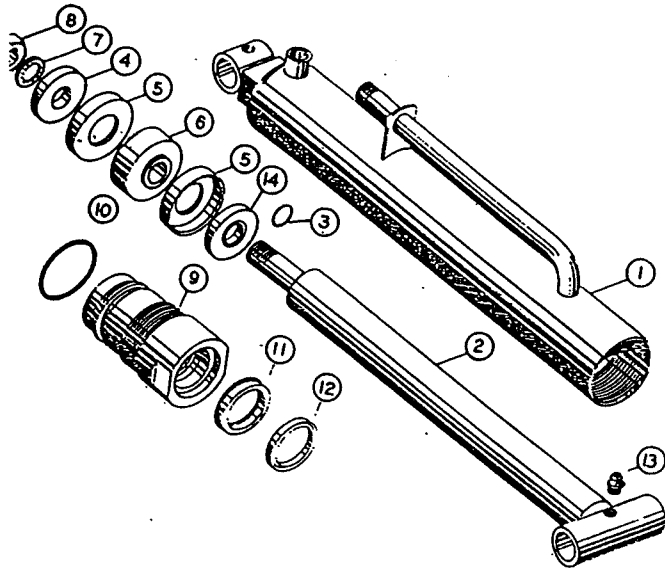
HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	150	LIFT CYLINDER - See Cylinder Parts List Instructions	2
		BUCKET CYLINDER - See Cylinder Parts List Instructions	2
2	L230	BOTTOM 1 HYDRAULIC OIL LINE	1
3	L231	BOTTOM 2 HYDRAULIC OIL LINE	1
4	L232	BOTTOM 3 HYDRAULIC OIL LINE	1
5	L233	BOTTOM 4 HYDRAULIC OIL LINE	1
6	H12-3	HYDRAULIC HOSE - 1/4" x 12", 3/8" NPT ENDS	1
7	H16-3	HYDRAULIC HOSE - 1/4" x 16", 3/8" NPT ENDS	1
8	H19-3	HYDRAULIC HOSE - 1/4" x 19", 3/8" NPT ENDS	2
9	H23-3	HYDRAULIC HOSE - 1/4" x 23", 3/8" NPT ENDS	3
10	H26-3	HYDRAULIC HOSE - 1/4" x 26", 3/8" NPT ENDS	1
11	L1617	3/8" TEE JOINT	4
12	L1619	3/8" MALE-FEMALE SWIVEL	4
13	L1618	3/8" x 90 DEGREE STREET ELBOW	4
14	DL5276	3/8" x 90 DEGREE ELBOW	3
15	DL9769	3/8" x 90 DEGREE SWIVEL STREET ELBOW	3
16	L29	3/8" FEMALE SWIVEL	1
17	DL5280	3/8" COUPLER	4

* AS REQUIRED

MODEL 20 LOADER

MODEL 20 LOADER LIFT & BUCKET CYLINDER N5 THREADED HEAD TYPE

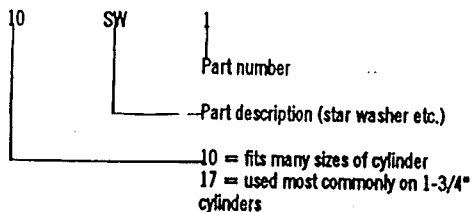


REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.	
			150 QTY. REQ'D	244 QTY. REQ'D
1	17TU1	Tube assembly, 1-3/4" x 12"	1	1
2	10SH15 10SH48	Shaft, 1" x 12" Shaft, 1-1/4" x 12"	1	1
3	10OR9	O-Ring	1	1
4	17FP1	Filler plate	1	1
5	17CU1	Cup	2	2
6	17BP1	Back-up plate	1	1
7	10SW1	Star washer, 3/4" ID (not required with locking nut)	*	*
8	10NU1 10NU5	Nut, 3/4" NF Nut, 3/4" NF (locking nut)	*	*
9	17HP3 17HP5	Head plate Head plate	1	1
10	10OR5	O-Ring	1	1
11	10RS4 10RS5	Rod seal Rod seal	1	1
12	10WS4 10WS5	Wiper Seal Wiper Seal	1	1
13	10GN1	Grease nipple, 1/4" - 28	2	2
14	17FP2	Filler plate	1	1

EZEE-ON LOADER CYLINDER INSTRUCTIONS ON HOW TO USE LOADER CYLINDER

- Identify your cylinder as to the code number of the complete cylinder. Use the complete assembly code numbers listed below, and match up the diameter, stroke, etc.
- Once the code number has been established, locate the cylinder further in this book and use the correct reference number and column to locate the part number.
- The code number will be stamped on the cylinder tube. However, if the tube should be replaced, the cylinder code will not be on the cylinder tube unless the code is stamped there.

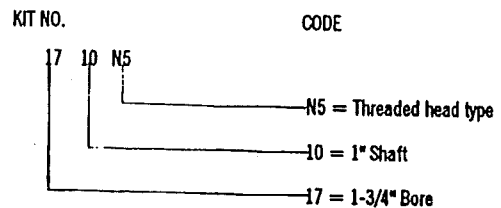
EZEE-ON CYLINDER PART NUMBER CODE



MODEL 20 CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C-C LENGTH	SHAFT	TYPE	APPLICATION
150	1-3/4"	12"	20-1/2"	1"	N5	Bucket & Lift
244	1-3/4"	12"	20-1/2"	1-1/4"	N5	Bucket & Lift

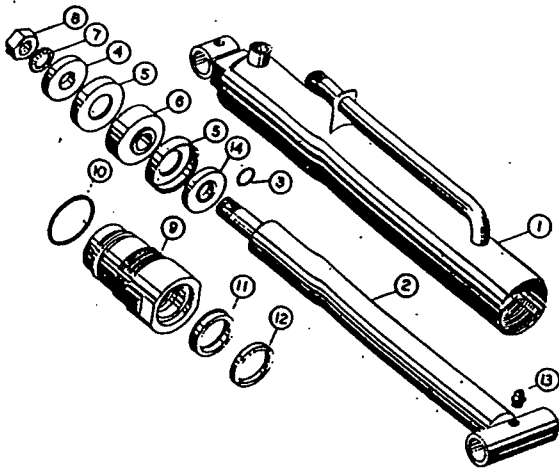
EZEE-ON CYLINDER REPAIR SEAL KIT CODES



CYLINDER SEAL KIT

KIT NO.	CONTENTS	FIT CYLINDER CODE NO.
1710N5	2 - 17CU1 Cups 1 - 10OR5 O-Ring 1 - 10RS4 Rod Seal 1 - 10WS4 Wiper Seal 1 - 10OR9 O-Ring	150
1712N5	2 - 17CU1 Cups 1 - 10OR9 O-Ring 1 - 10OR5 O-Ring 1 - 10RS5 Rod Seal 1 - 10WS5 Wiper Seal	244

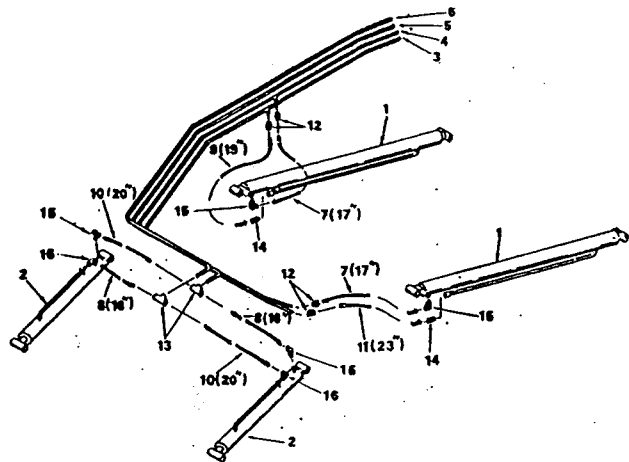
MODEL 30W - 40W LOADER



BUCKET CYLINDER - N5 THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	17TU1	Tube assembly, 1-3/4" x 12"	1
2	10SH48	Shaft, 1-1/4" x 12"	1
3	100R9	O-Ring	1
4	17FP1	Filler plate	1
5	17CU1	Cup	2
6	17BP1	Back-up plate	1
7	10SW1	Star washer, 3/4" ID	1
8	10NU1	Nut, 3/4" NF	1
9	17HP5	Head plate	1
10	100R9	O-Ring	1
11	10RS5	Rod Seal	1
12	10WS5	Wiper Seal	1
13	10GN1	Grease nipple, 1/4" - 28	2
14	17FP2	Filler plate	1

* AS REQUIRED

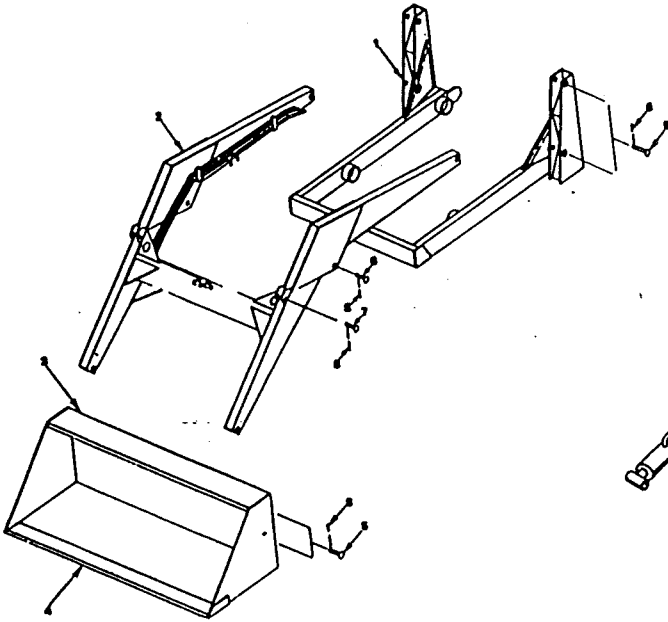


SUPPLEMENTARY HYDRAULIC SYSTEM MODEL 30W (SERIAL NO. OVER 3847) - MODEL 40W (SERIAL NO. OVER 31979)

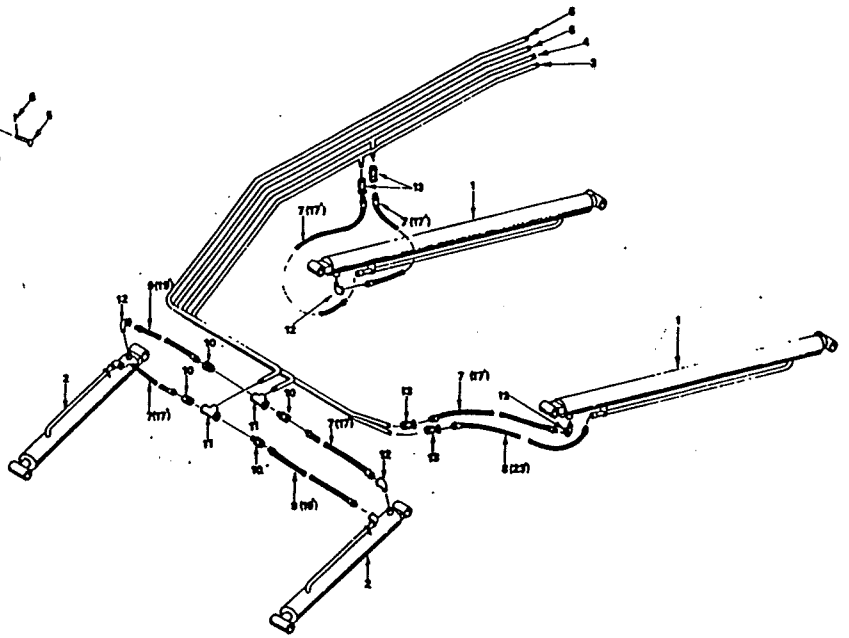
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift cylinder - see cylinder parts list	2
2		Bucket cylinder - see cylinder parts list	2
3	L317 L407	Bottom 1 hydraulic oil line (Model 30W) Bottom 1 hydraulic oil line (Model 40W)	1 1
4	L318 L408	Bottom 2 hydraulic oil line (Model 30W) Bottom 2 hydraulic oil line (Model 40W)	1 1
5	L319 L409	Bottom 3 hydraulic oil line (Model 30W) Bottom 3 hydraulic oil line (Model 40W)	1 1
6	L320 L410	Bottom 4 hydraulic oil line (Model 30W) Bottom 4 hydraulic oil line (Model 40W)	1 1
7	H17-3	1/4" x 17" hydraulic hose - 3/8" NPT ends	2
8	H18-3	1/4" x 18" hydraulic hose - 3/8" NPT ends	2
9	H19-3	1/4" x 19" hydraulic hose - 3/8" NPT ends	1
10	H20-3	1/4" x 20" hydraulic hose - 3/8" NPT ends	2
11	H23-3	1/4" x 23" hydraulic hose - 3/8" NPT ends	1
12	DL5280	3/8" female coupler	8
13	L1617	3/8" tee	2
14	L1619	3/8" male-female swivel adapter	2
15	DL9769	3/8" swivel street elbow	4
16	DL5284	3/8" swivel elbow	2

	CONTENTS	CYL. CODE NO.
1712N5	2 - 17CU1 Cups 1 - 100R5 O-Ring 1 - 10WS5 Wiper Seal 1 - 100R9 O-Ring 1 - 10RS5 Rod Seal	244

MODEL 30W - 40W LOADERS



LOADER

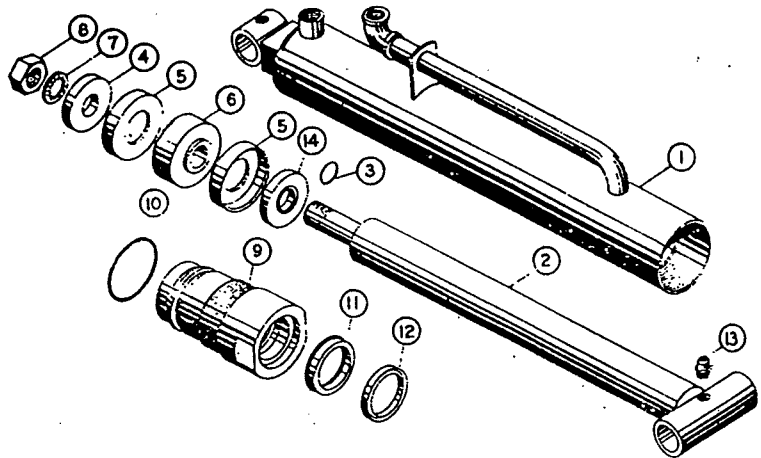


HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB342	30W wide yoke assy. c/w pins Ref. #5	1
	LB343	30W narrow yoke assy. c/w pins Ref. #5	1
	LB450	40W wide yoke assy. c/w pins Ref. #5	1
2	LB321	30W - main frame c/w pins Ref. #6 & 7	1
	LB401	40W - main frame c/w pins Ref. #6 & 7	1
3	LB365	48" bucket assy. c/w 4 pins Ref. #5 (Model 30W-40W)	1
	LB375	54" bucket assy. c/w 4 pins Ref. #5 (Model 30W-40W)	1
	LB380	60" bucket assy. c/w 4 pins Ref. #5 (Model 30W-40W)	1
Back of Bucket	L350	Bucket attaching lug (weld-on)	4
4	L348	48" bucket blade (weld-on)	1
	L358	54" bucket blade (weld-on)	1
	L363	60" bucket blade (weld-on)	1
5	L667	3/4" x 3-11/16" pin	8
6	L643	3/4" x 2-13/16" pin	2
7	L665	3/4" x 2-9/16" pin	2
8		3/16" x 1-1/4" cotter pin	12
Not Shown	10GN1	Grease Nipples 1/4" - 28	4
		DECAL & PAINT	
	L010	EZEE-ON DECALS	3
	L013	EZEE-ON PATENT LABEL (USA-CANADA)	1
	L001	EZEE-ON YELLOW PAINT 1 qt. Can	
	L002	EZEE-ON YELLOW PAINT 1/2 pint	

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List	2
2		Bucket Cylinder - See Cylinder Parts List	2
3	L317 L407	Bottom 1 hyd. oil line (Model 30W) Bottom 1 hyd. oil line (Model 40W)	1 1
4	L318 L408	Bottom 2 hyd. oil line (Model 30W) Bottom 2 hyd. oil line (Model 40W)	1 1
5	L319 L409	Bottom 3 hyd. oil line (Model 30W) Bottom 3 hyd. oil line (Model 40W)	1 1
6	L320 L410	Bottom 4 hyd. oil line (Model 30W) Bottom 4 hyd. oil line (Model 40W)	1 1
7	H17-3	Hyd. Hose 1/4" x 17' - 3/8" N.P.T. ends	5
8	H23-3	Hyd. Hose 1/4" x 23' - 3/8" N.P.T. ends	1
9	H19-3	Hyd. Hose 1/4" x 19' - 3/8" N.P.T. ends	2
10	L1619	3/8" male - female swivel adapter	4
11	L1617	3/8" tee joint (do not use Part No. L1619 if swivel tee is used)	2
12	L1618	3/8" x 90 degree street elbow	2
13	L29	3/8" female swivel adapter	2

MODEL 30W - 40W LOADER



MODEL 30 & 40 BUCKET CYLINDER
N5 THREADED HEAD TYPE

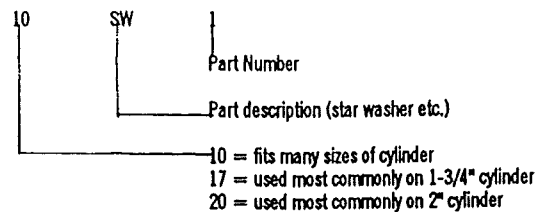
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.
			150 QTY. REQ'D
1	17TU1	Tube assembly, 1-3/4" x 12"	1
2	10SH15	Shaft, 1" x 12"	1
3	10OR9	O-Ring	1
4	17FP1	Filler plate	1
5	17CU1	Cup	2
6	17BP1	Back-up plate	1
7	10SW1	Star washer, 3/4" ID	*
8	10NU1	Nut, 3/4" NF	*
9	17HP3	Head plate	1
10	10OR5	O-Ring	1
11	10RS4	Rod seal	1
12	10WS4	Wiper Seal	1
13	10GN1	Grease nipple, 1/4"- 28	1
14	17FP2	Filler plate	2
	10EL1	Elbow (on tube assembly)	1

EZEE- ON LOADER CYLINDER

INSTRUCTIONS ON HOW TO USE LOADER CYLINDER

1. Identify your cylinder as to the code number of the complete cylinder. Use the complete assembly code numbers listed below, and match up the diameter, stroke, etc.
2. Once the code number has been established, locate the cylinder further in this book and use the correct reference number and column to locate the part number.
3. The code number will be stamped on the cylinder tube. However, if the tube should be replaced, the cylinder code will not be on the cylinder tube unless the code is stamped there.

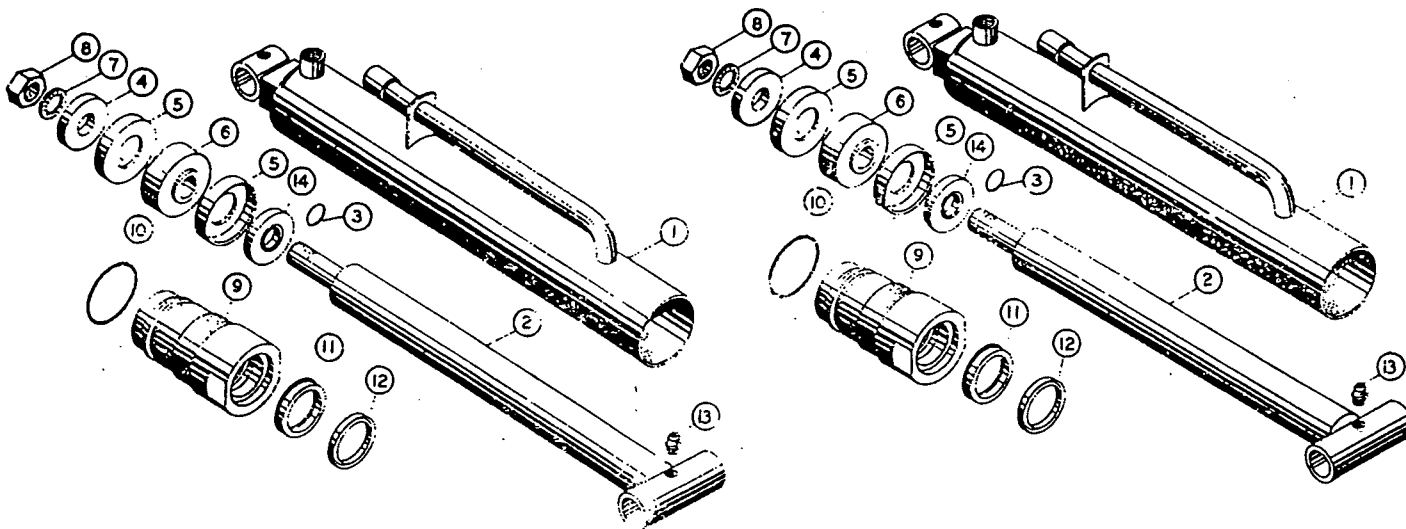
EZEE-ON CYLINDER PART NUMBER CODE



MODEL 30W - 40W CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C-C LENGTH	SHAFT	TYPE	APPLICATIONS
150	1-3/4"	12"	20-1/2"	1"	N5	Bucket 30W-40W
162	1-3/4"	12"	20-1/2"	1-1/2"	N5	Lift 30W
163	1-3/4"	20"	29-1/2"	1-1/4"	N5	Lift 40W
165	2"	21"	29-1/2"	1-1/4"	N5	Lift 40W

MODEL 30W - 40W LOADERS



N5 THREADED HEAD TYPE BUCKET CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.	
			163 QTY. REQ.	162 QTY. REQ.
1	17TU9 17TU10	Tube assembly 1-3/4" x 21" (Model 40) Tube assembly 1-3/4" x 18" (Model 30)	1	1
2	10SH31 10SH33	Shaft 1-1/4" x 21" (Model 40) Shaft 1-1/4" x 18" (Model 30)	1	1
3	100R9	O-Ring	1	1
4	17FP1	Filler plate	1	1
5	17CU1	Cup	2	2
6	17BP1	Back-up plate	1	1
7	10SW1	Star washer	1	1
8	10NU1	3/4" N.F. Nut	1	1
9	17HP5	Head plate	1	1
10	100R5	O-Ring	1	1
11	10RS5	Rod seal	1	1
12	10WS5	Wiper seal	1	1
13	10GN1	Grease nipple	2	2
14	17FP2	Filler plate	1	1
	L-399	Coupler (on tube assembly)	1	1

N5 THREADED HEAD TYPE LIFT CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.
			165 QTY. REQ.
1	20TU34	Tube assembly 2" x 21"	1
2	10SH31	Shaft 1-1/4" x 21"	1
3	100R9	O-Ring	1
4	20FP1	Filler plate	1
5	20CU1	Cup	2
6	20BP1	Back-up plate	1
7	10SW1	Star washer	1
8	10NU1	3/4" N.F. nut	1
9	20HP8	Head plate	1
10	100R4	O-Ring	1
11	10RS5	Rod seal	1
12	10WS5	Wiper seal	1
13	10GN1	Grease nipple	2
14	20FP2	Filler plate	1
	L-399	Coupler (on tube assembly)	1

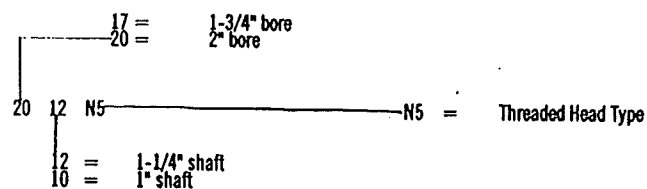
CYLINDER SEAL KIT

KIT NO.	CONTENTS	FITS CYLINDER CODE NO.
1710N5	2 - 17CU1 Cups 1 - 100R5 O-Ring 1 - 10RS4 Rod Seal 1 - 10WS4 Wiper Seal 1 - 100R9 O-Ring	150
1712N5	2 - 17CU1 Cups 1 - 100R9 O-Ring 1 - 100R5 O-Ring 1 - 10RS5 Rod Seal 1 - 10WS5 Wiper Seal	162 - 163
2012N5	2 - 20CU1 Cups 1 - 100R9 O-Ring 1 - 100R4 O-Ring 1 - 10RS5 Rod seal 1 - 10WS5 Wiper seal	165

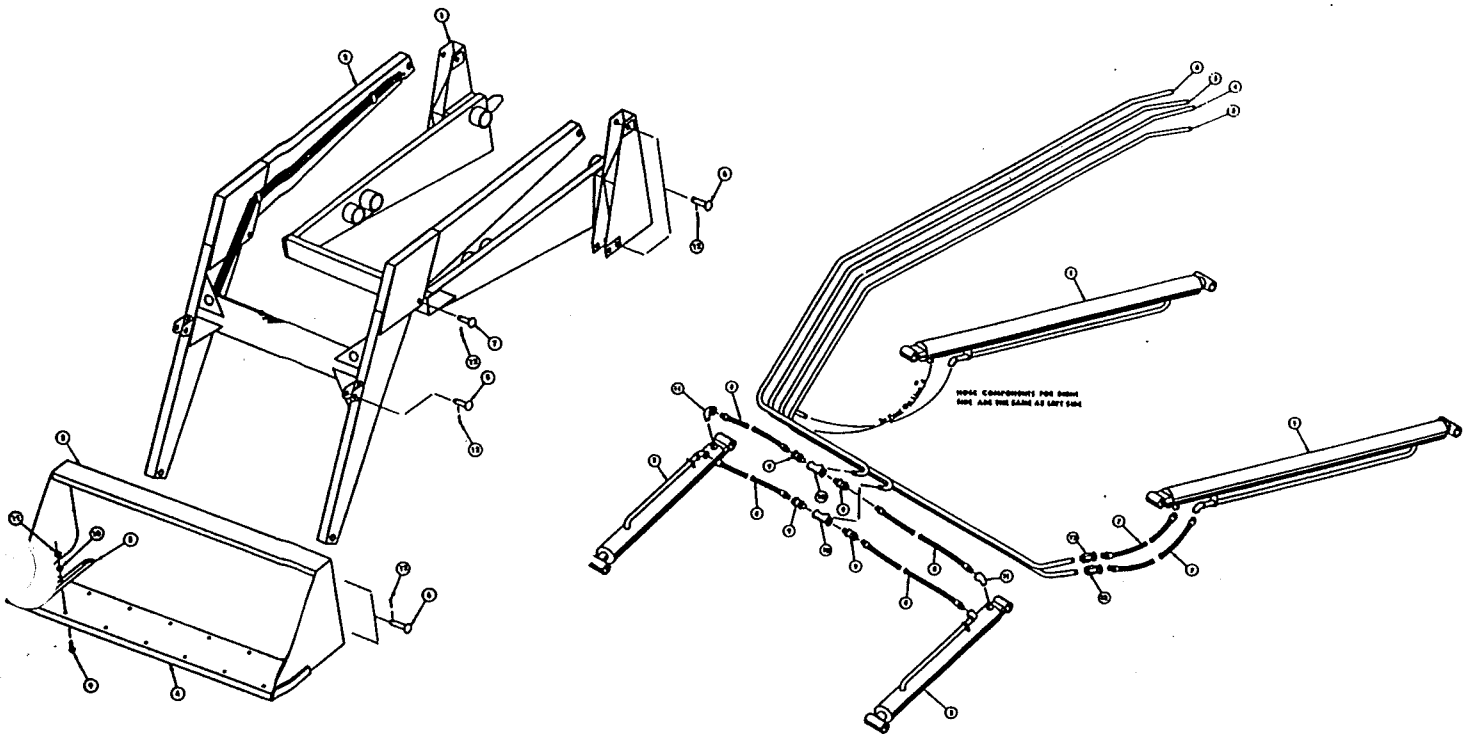
EZEE-ON CYLINDER REPAIR SEAL KIT CODES

CODE

PART NO.



MODEL 60 LOADER



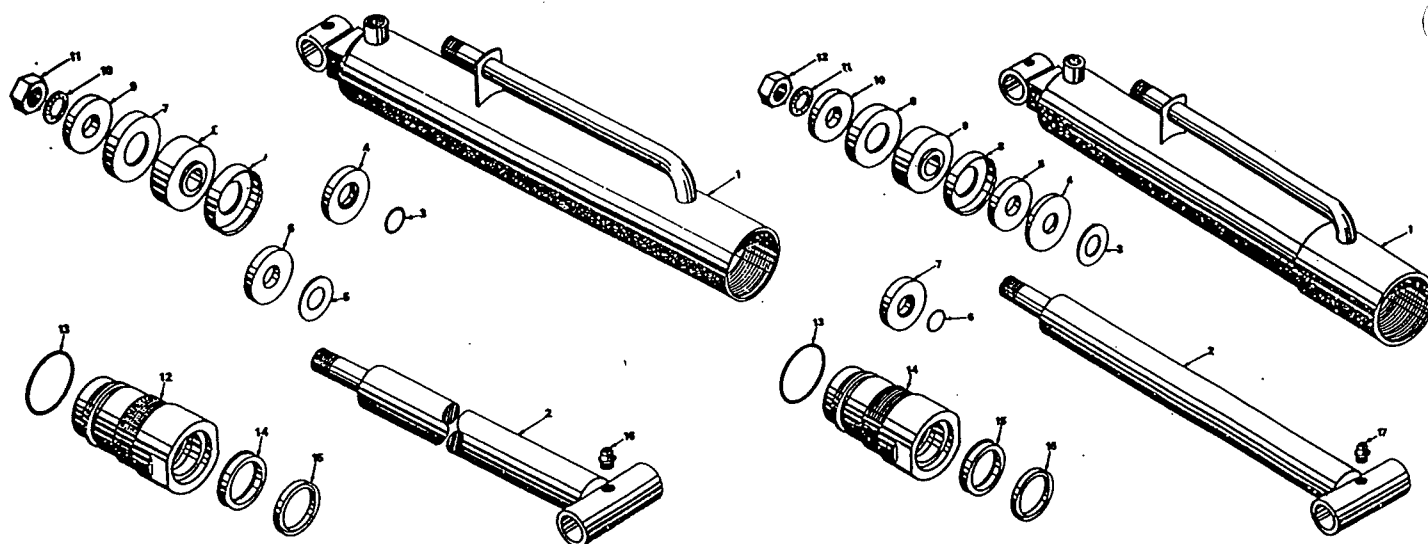
LOADER

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB601	Yoke assembly c/w 4 Pins (ref. #6)	1
2	LB617	Main Frame assembly c/w 4 Pins (ref. #7 & 8)	1
3	LB645	54" Bracket assembly c/w 4 Pins (ref. #6)	1
	LB654	60" Bracket assembly c/w 4 Pins (ref. #6)	1
	LB657	72" Bracket assembly c/w 4 Pins (ref. #6)	1
Back of Bucket	L652	Bucket attaching lug (weld-on)	1
4	L647	54" Bucket blade (weld-on)	1
	L41	60" Bucket blade (weld-on)	1
	L42	72" Bucket blade (weld-on)	1
5	L51	Standard bucket tooth	6-7-8
	L52	Long bucket tooth	6-7-8
6	L667	3/4" x 3-3/4" Pin	8
7	L643	3/4" x 2-7/8" Pin	2
8	L665	3/4" x 2-5/8" Pin	2
9	L57	7/16" x 2-1/4" N.C. carriage head bolt c/w nut and lockwasher	12-14-16
		7/16" Lockwasher	12-14-16
		7/16" N.C. Nut	12-14-16
11		3/16" x 1-1/2" Cotter pin	12
12	10GN1	1/4" - 28 Grease Nipple	4

HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L636	Hydraulic Oil Line - Bottom 1	1
4	L639	Hydraulic Oil Line - Bottom 2	1
5	L641	Hydraulic Oil Line - Bottom 3	1
6	L642	Hydraulic Oil Line - Bottom 4	1
7	H17	3/8" x 17" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	4
9	L1619	3/8" Male - Female Swivel Adapter	4
10	L1617	3/8" Tee Joint (Do not use part no. L1619 if swivel tee is used)	2
11	L1618	3/8" x 90 degree Street Elbow	2
12	L29	3/8" Female Swivel Adapter	4

MODEL 60 LOADER



HYDRAULIC CYLINDER - N5 THREADED HEAD TYPE

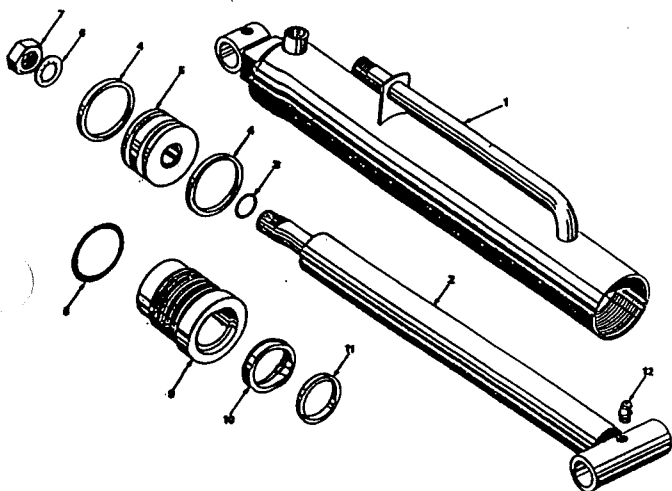
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			150	155	158
1	17TU1 20TU28 20TU29	Tube Assembly - 1-3/4" x 12" Tube Assembly - 2" x 12" Tube Assembly - 2" x 27"	1	1	1
2	10SH15 10SH16	Shaft - 1" x 12" Shaft Shaft - 1-1/2" x 27" - 2-1/2" Stub	1	1	
3	10OR9	O-Ring - 1/16" x 7/8" O.D. (not required if copper washer, ref. no. 5 is used)	*	*	*
4	17FP2 20FP2	Filler Plate w/Machined Seat for O-Ring, ref. no. 3 Filler Plate w/Machined Seat for O-Ring, ref. no. 3	*	*	*
5	10OW1	Copper Washer (not required if O-Ring, ref. no. 3 is used)	*	*	*
6	17FP1 20FP1	Filler Plate - used with copper washer, ref. no. 5 Filler Plate - used with copper washer, ref. no. 5	2	*	*
7	17CU1 20CU1	Cup - 1-3/4" O.D. Cup - 2" O.D.	1	2	2
8	17BP1 20BP1	Back-Up Plate Back-Up Plate	1	1	1
9	17FP1 20FP1	Filler Plate Filler Plate		1	1
10	10SW1	Star Washer - 3/4" I.D. (not required if locknut, ref. no. 11 is used)	*	*	*
11	10NU1 10NU5	Nut - 3/4" N.F. (star washer, ref. no. 10 required) Lock Nut - 3/4" N.F.	*	*	*
12	17HP3 20HP7 20HP5	Head Plate Head Plate Head Plate	1	1	1
13	10OR5 10OR4	O-Ring - 1/8" x 1-3/4" O.D. O-Ring - 1/8" x 2" O.D.	1	1	1
14	10RS4 10RS1	Rod Seal - 1" I.D. Rod Seal - 1-1/2" I.D.	1	1	1
15	10WS4 10WS1	Wiper Seal - 1" I.D. Wiper Seal - 1-1/2" I.D.	1	1	1
16	10GN1	1/4" - 28 Grease Fitting	2	2	2

HYDRAULIC CYLINDER - N5-A THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			152
1	17TU5	Tube Assembly - 1-3/4" x 27"	1
2	10SH17	Shaft - 1-1/2" x 27" - 2-5/8" Stub	1
3	10OW1	Copper Washer (not required if O-ring, ref. no. 6 is used)	*
4	17ST1	Stop Washer	1
5	17FP1	Filler Plate - used with copper washer, ref. no. 3	*
6	10OR9	O-Ring - 1/16" x 7/8" O.D. (not required if copper washer, ref. no. 3 is used)	*
7	17FP2	Filler Plate w/Machined Seat for O-Ring, ref. No. 6	*
8	17CU1	Cup 1-3/4" O.D.	2
9	17BP1	Back-Up Plate	1
10	17FP1	Filler Plate	1
11	10SW1	Star Washer 3/4" I.D.	1
12	10NU1	Nut 3/4" N.F.	1
13	10OR4	O-Ring - 1/8" x 2" O.D.	1
14	20HP5	Head Plate	1
15	10RS1	Rod Seal - 1-1/2" I.D.	1
16	10WS1	Wiper Seal - 1-1/2" I.D.	1
17	10GN1	1/4" - 28 Grease Fitting	2

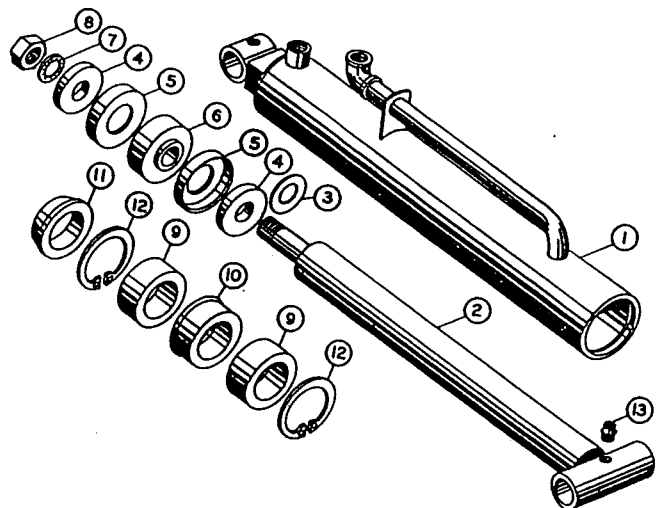
* AS REQUIRED

MODEL 60 LOADER



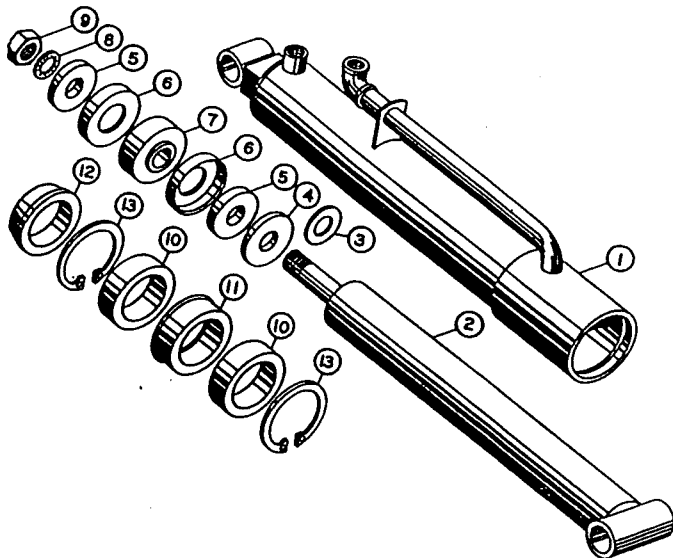
HYDRAULIC CYLINDER - N6 THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			223
1	22TU1	Tube Assembly - 2-1/4" x 27"	1
2	10SH16	Shaft - 1-1/2" x 27" - 2-1/2" Stub	1
3	10OR9	O-Ring - 1/16" x 7/8" O.D.	1
4	22CU1	U-Cup - 2-1/4" O.D.	2
5	22PB1	Piston Block	1
6	10SW1	Star Washer - 3/4" I.D.	1
7	10NU1	3/4" N.F. Nut	1
8	10OR15	O-Ring - 3/16" x 2-1/4" O.D.	1
9	22HP1	Head Plate	1
10	10RS1	Rod Seal - 1-1/2" I.D.	1
11	10WS1	Wiper Seal - 1-1/2" I.D.	1
12	10GN1	1/4" - 28 Grease Fitting	2



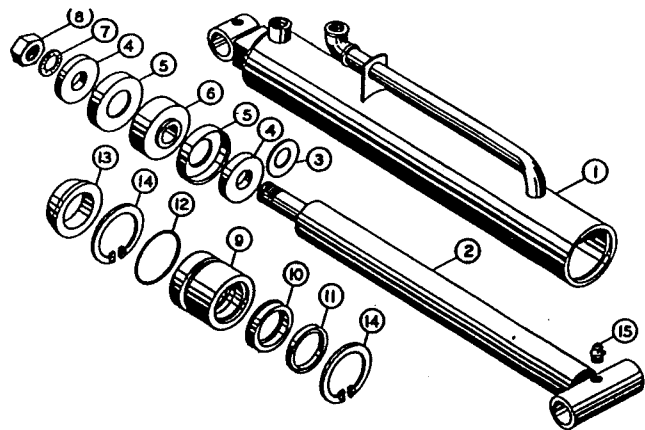
HYDRAULIC CYLINDER - S1 SNAP RING TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			24	102
1	20TU6 17TU3	Tube Assembly - 2" x 27" Tube Assembly - 1-3/4" x 12"	1	1
2	10SH16 10SH15	Shaft - 1-1/2" x 27" - 2-1/2" Stub Shaft - 1" x 12"	1	1
3	10CW1	Copper Washer	1	1
4	20FP1 17FP1	Filler Plate Filler Plate	2	2
5	20CU1 17CU1	Cup Cup	2	2
6	20BP1 17BP1	Back-Up Plate Back-Up Plate	1	1
7	10SW1	3/4" I.D. Star Washer	1	1
8	10NU1	3/4" N.F. Nut	1	1
9	20HP2 17HP1	Head Plate Head Plate	2	2
10	10VP2 10VP6	Poly V-Pack Poly V-Pack	1	1
11	20SP1 17SP1	Spacer Spacer	1	1
12	20SR1 17SR1	Snap Ring Snap Ring	2	2
13	10GN1	1/4" - 28 Grease Nipple	2	2



HYDRAULIC CYLINDER - S1-A SNAP RING TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			103	
1	17TU4	Tube Assembly - 1-3/4" x 27"	1	
2	10SH17	Shaft - 1-1/2" x 27" - 2-5/8" Stub	1	
3	10CW1	Copper Washer	1	
4	17ST1	Stop	1	
5	17FP1	Filler Plate	2	
6	17CU1	Cup	2	
7	17BP1	Back-Up Plate	1	
8	10SW1	3/4" I.D. Star Washer	1	
9	10NU1	3/4" N.F. Nut	1	
10	17HP2	Head Plate	2	
11	10VP2	Poly V-Pack	1	
12	20SP1	Spacer	1	
13	20SR1	Snap Ring	2	
	10GN1	1/4" - 28 Grease Nipple	2	



HYDRAULIC CYLINDER - S2 SNAP RING TYPE

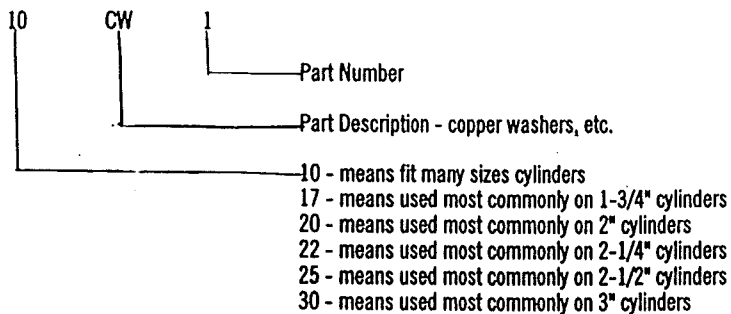
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			25	104
1	20TU7 17TU3	Tube Assembly - 2" x 12" Tube Assembly - 1-3/4" x 12"	1	1
2	10SH15	1" x 12" Shaft	1	1
3	10CW1	Copper Washer	1	1
4	20FP1 17FP1	Filler Plate Filler Plate	2	2
5	20CU1	Cup	2	
	17CU1	Cup		2
6	20BP1 17BP1	Back-Up Plate Back-Up Plate	1	1
7	10SW1	3/4" I.D. Star Washer	1	1
8	10NU1	3/4" N.F. Nut	1	1
9	20HP6 17HP4	Head Plate Head Plate	1	1
10	10RS4	Rod Seal	1	1
11	10WS4	Wiper Seal	1	1
12	10OR7 10OR6	O-Ring O-Ring	1	1
13	20SP4	Spacer	1	
	17SP1	Spacer		1
14	20SR1 17SR1	Snap Ring Snap Ring	2	2
15	10GN1	1/4" - 28 Grease Nipple	2	2

CYLINDER PARTS LIST

HOW TO USE THIS LOADER CYLINDER PARTS LIST:

1. Identify your cylinder as to code number of complete cylinder. Use the complete assembly code numbers and match up diameter, stroke, ends, etc.
2. Once the code number has been established, 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 number 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



MODEL 60 CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C- C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
150	1-3/4"	12	20-1/2"	1"	N5	BUCKET
155	2"	12	20-1/2"	1"	N5	BUCKET
158	2"	27	35-1/2"	1-1/2"	N5	LIFT
152	1-3/4"	27	35-1/2"	1-1/2"	N5-A	LIFT
102	1-3/4"	12	20-1/2"	1"	S1	BUCKET
24	2"	27	35-1/2"	1-1/2"	S1	LIFT
103	1-3/4"	27	35-1/2"	1-1/2"	S1-A	LIFT
25	2"	12	20-1/2"	1"	S2	BUCKET
104	1-3/4"	12	20-1/2"	1"	S2	BUCKET

MODEL 60 LOADER CYLINDER REPAIR SEAL KIT CODES

CODE
17 = 1-3/4" bore
20 = 2" bore

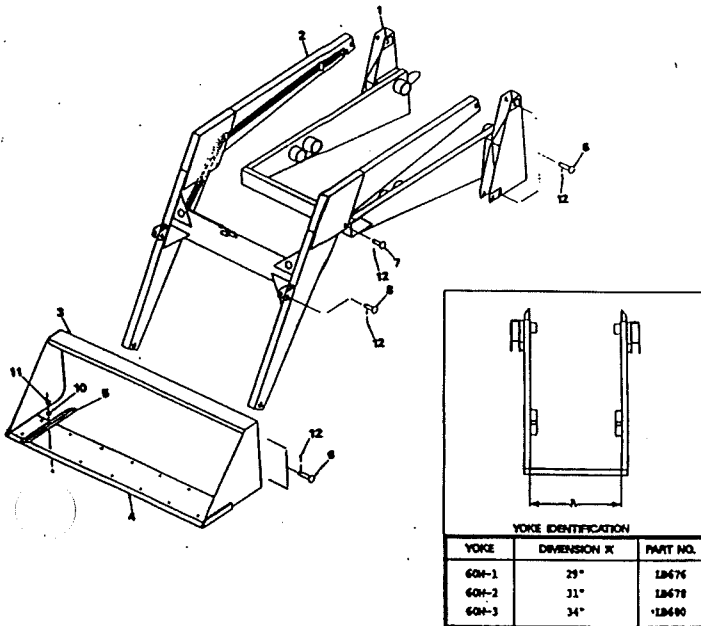
PART NO. 2015N5
N5 = threaded head type
N5-A = threaded head type
S1 = snap ring type
S1-A = snap ring type
S2 = snap ring type

10 = 1" shaft
15 = 1-1/2" shaft

CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
1710N5	2 -	17 CU1	CUPS	150
	1 -	10OR5	O-RING	
	1 -	10RS4	ROD SEAL	
	1 -	10WS4	WIPER SEAL	
	1 -	10OR9	O-RING	
2010N5	2 -	20CU1	CUPS	155
	1 -	10OR4	O-RING	
	1 -	10RS4	ROD SEAL	
	1 -	10WS4	WIPER SEAL	
	1 -	10OR9	O-RING	
2015N5	2 -	20CU1	CUPS	158
	1 -	10OP4	O-RING	
	1 -	10RS1	ROD SEAL	
	1 -	10WS1	WIPER SEAL	
	1 -	10OR9	O-RING	
1715N5-A	2 -	17CU1	CUPS	152
	1 -	10OR4	O-RING	
	1 -	10RS1	ROD SEAL	
	1 -	10WS1	WIPER SEAL	
	1 -	10OR9	O-RING	
1710S1	2 -	17CU1	CUPS	102
	1 -	10VP6	POLY V-PACK	
	2 -	17SR1	SNAP RINGS	
2015S1	2 -	20CU1	CUPS	24
	1 -	10VP2	POLY V-PACK	
	2 -	20SR1	SNAP RINGS	
1715S1-A	2 -	17CU1	CUPS	103
	1 -	10VP2	POLY V-PACK	
	2 -	20SR1	SNAP RINGS	
2010S2	2 -	20CU1	CUPS	25
	1 -	10OR7	O-RING	
	1 -	10RS4	ROD SEAL	
	1 -	10WS4	WIPER SEAL	
	2 -	20SR1	SNAP RING	
1710S2	2 -	17CU1	CUPS	104
	1 -	10OR6	O-RING	
	1 -	10RS4	ROD SEAL	
	1 -	10WS4	WIPER SEAL	
	2 -	17SR1	SNAP RINGS	

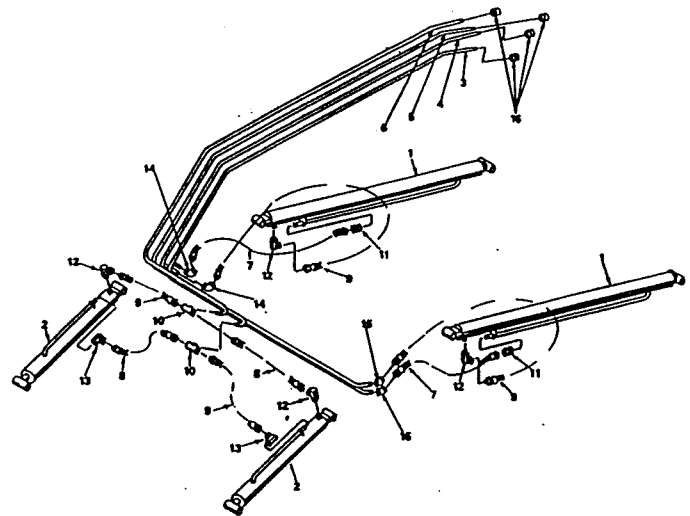
MODEL 60W LOADER



H-FRAME, YOKE & BUCKET

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB676 LB678 LB680	60W-1 Standard Yoke Assembly 60W-2 Wide Yoke Assembly 60W-3 Extra Wide Yoke Assembly	* * *
2	LB686	Main Frame Assembly c/w 4 Pins (ref. no. 6)	1
3	LB695 LB696 LB697	54" Bucket Assembly c/w 4 Pins (ref. no. 6) 60" Bucket Assembly c/w 4 Pins (ref. no. 6) 72" Bucket Assembly c/w 4 Pins (ref. no. 6)	* * *
Back of Bucket	L652	Bucket Attaching Lugs (Weld-on)	4
4	L647 L41 L42	54" Bucket Blade (Weld-on) 60" Bucket Blade (Weld-on) 72" Bucket Blade (Weld-on)	* * *
5	L51 L52 L1680	Bucket Tooth - Standard (19-3/4" overall length) Bucket Tooth - Long (31-3/4" overall length) Bucket Tooth - Corner (15-1/2" overall length)	* * *
6	L667	3/4" x 3-3/4" long Pin	8
7	L643	3/4" x 2-7/8" long Pin	2
8	L665	3/4" x 2-5/8" long Pin	2
9	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt 7/16" Lockwasher 7/16" N.C. Hex Nut	* * *
12	10GN1	3/16" x 1" Cotter Pin 1/4" - 28 Grease Fitting	12 4

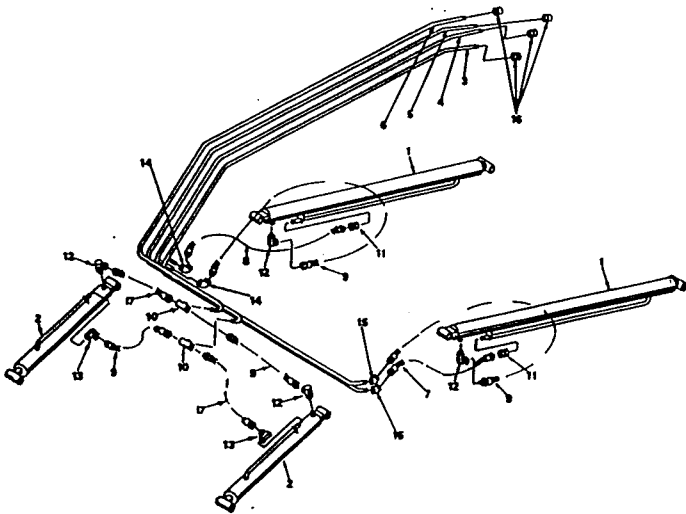
* AS REQUIRED



**HYDRAULIC SYSTEM
(FOR 60W LOADERS WITH SERIAL NO. 32150 AND UP)**

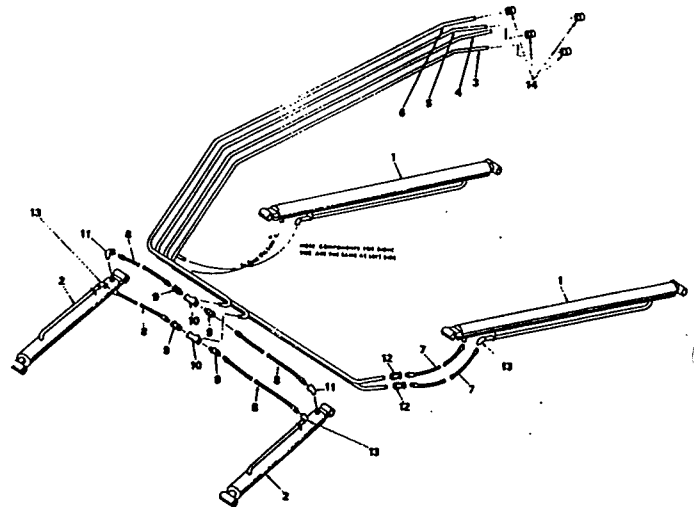
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See cylinder parts list instructions	2
2		Bucket cylinder - see cylinder parts list instructions	2
3	L691	Bottom 1 Hydraulic Oil Line c/w Coupler, ref. no. 16	1
4	L692	Bottom 2 Hydraulic Oil Line c/w Coupler, ref. no. 16	1
5	L693	Bottom 3 Hydraulic Oil Line c/w Coupler, ref. no. 16	1
6	L694	Bottom 4 Hydraulic Oil Line c/w Coupler, ref. no. 16	1
7	H14	Hydraulic Hose - 3/8" x 14"	2
8	H26	Hydraulic Hose - 3/8" x 26"	2
9	H28	Hydraulic Hose - 3/8" x 28"	2
10	L1617	3/8" Tee Joint	2
11	L29	3/8" Female-Female Swivel Adapter	2
12	DL977°	3/8" x 90 degree Swivel Street Elbow	4
13	DL5284	3/8" x 90 degree Swivel Elbow	2
14	DL11	3/8" x 90 degree Elbow	2
15	DL13	3/8" x 45 degree Elbow	2
	10GN1	1/4" - 28 Grease Fitting	8
16	DL5280	3/8" Coupler	4

MODEL 60W LOADER



HYDRAULIC SYSTEM
(FOR 60W LOADERS WITH SERIAL NO. 31398 TO 32150)

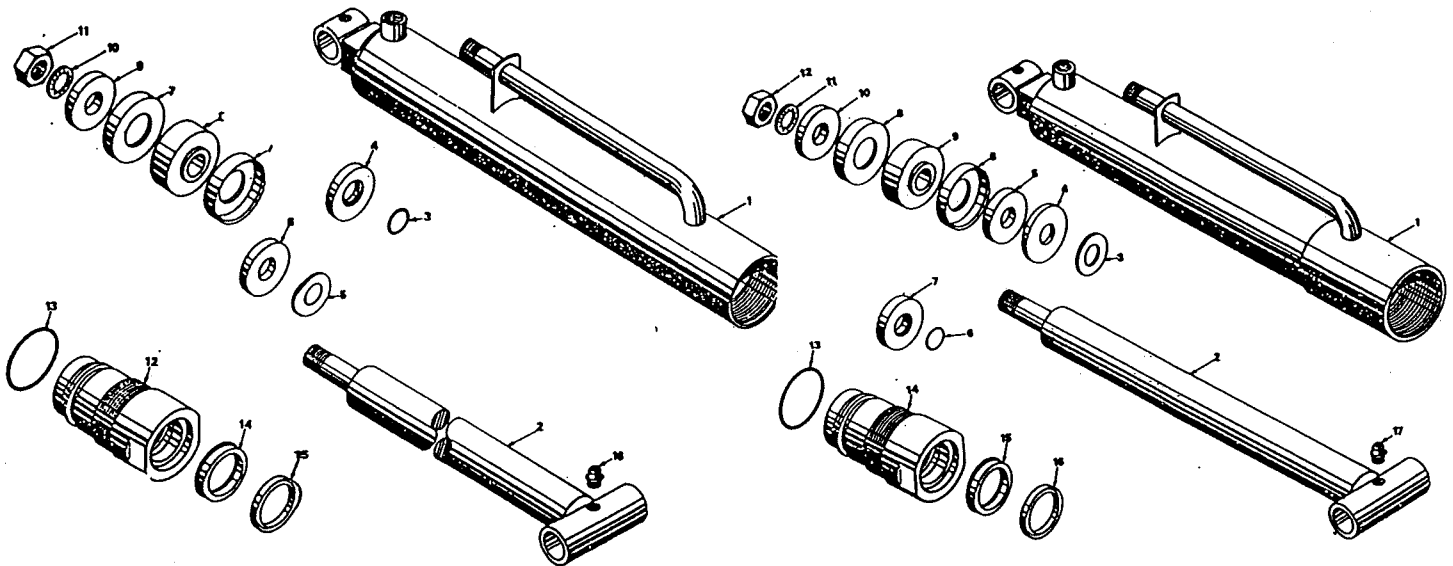
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See cylinder parts list instructions	2
2		Bucket Cylinder - See cylinder parts list instructions	2
3	L691	Bottom 1 Hydraulic Oil Line c/w Coupler ref. no. 16	1
4	L692	Bottom 2 Hydraulic Oil Line c/w Coupler ref. no. 16	1
5	L693	Bottom 3 Hydraulic Oil Line c/w Coupler ref. no. 16	1
6	L694	Bottom 4 Hydraulic Oil Line c/w Coupler ref. no. 16	1
7	H13	Hydraulic Hose - 3/8" x 13"	1
8	H17	Hydraulic Hose - 3/8" x 11-3/4"	1
9	H26	Hydraulic Hose - 3/8" x 26"	4
10	L1617	3/8" Tee Joint	2
11	L29	3/8" Female-Female Swivel Adapter	2
12	DL9779	3/8" x 90 degree Swivel Street Elbow	4
13	DL5284	3/8" x 90 degree Swivel Elbow	2
14	DL11	3/8" x 90 degree Elbow	2
15	DL13	3/8" x 45 degree Elbow	2
16	10GN1	1/4" - 28 Grease Fitting	8
17	DL5280	3/8" Coupler	4
	H28	Hydraulic Hose - 3/8" x 28"	2



HYDRAULIC SYSTEM
(FOR 60W LOADERS WITH SERIAL NO. PRIOR TO 31398)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See cylinder parts list instructions	2
2		Bucket Cylinder - See cylinder parts list instructions	2
3	L691	Bottom 1 Hydraulic Oil Line c/w Coupler ref. no. 14	1
4	L692	Bottom 2 Hydraulic Oil Line c/w Coupler ref. no. 14	1
5	L693	Bottom 3 Hydraulic Oil Line c/w Coupler ref. no. 14	1
6	L694	Bottom 4 Hydraulic Oil Line c/w Coupler ref. no. 14	1
7	H17	Hydraulic Hose - 3/8" x 17"	4
8	H26	Hydraulic Hose - 3/8" x 26"	4
9	L1619	3/8" Male-Female Swivel Adapter	4
10	L1617	3/8" Tee Joint (do not use ref. no. 9 if swivel tees are used)	2
11	L1618	3/8" x 90 degree Street Elbow	2
12	L29	3/8" Female Swivel Adapter	4
13	10GN1	1/4" - 28 Grease Fitting	8
14	DL11	3/8" x 90 degree Elbow	4
	DL5280	3/8" Coupler	4

MODEL 60W LOADER



HYDRAULIC CYLINDER - N5 THREADED HEAD TYPE

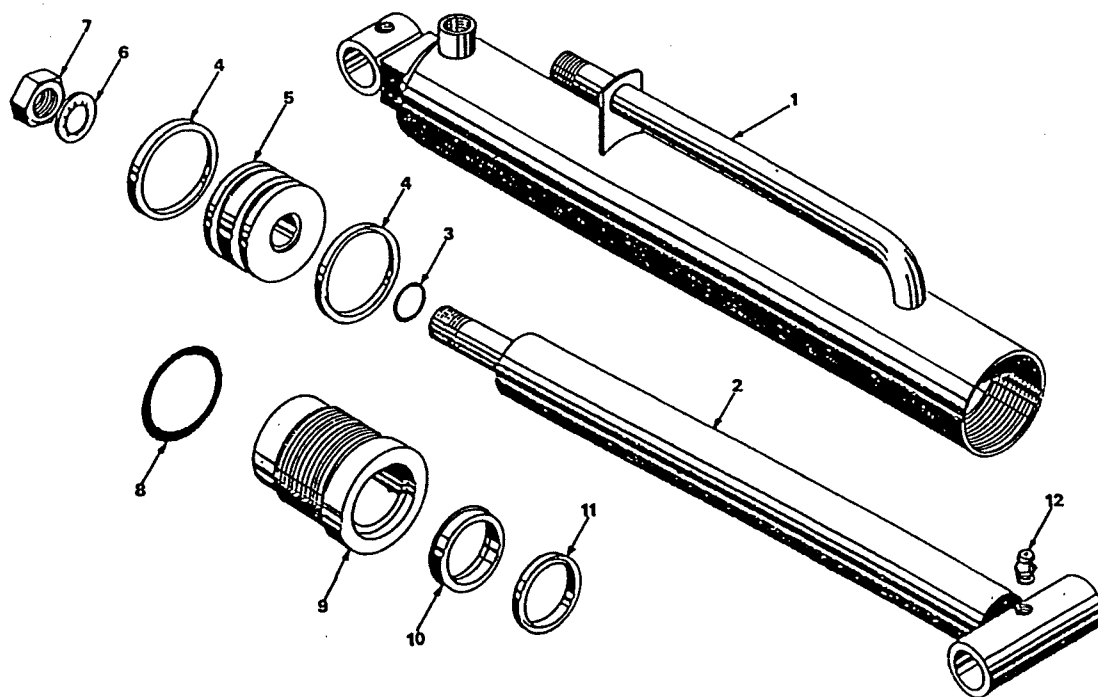
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			150	155	158
	17TU1 20TU28 20TU29	Tube Assembly - 1-3/4" x 12" Tube Assembly - 2" x 12" Tube Assembly - 2" x 27"	1	1	1
2	10SH15 10SH16	Shaft - 1" x 12" Shaft Shaft - 1-1/2" x 27" - 2-1/2" Stub	1	1	1
3	10OR9	O-Ring - 1/16" x 7/8" O.D. (not required if copper washer, ref. no. 5 is used)	*	*	*
4	17FP2 20FP2	Filler Plate w/Machined Seat for O-Ring, ref. no. 3 Filler Plate w/Machined Seat for O-Ring, ref. no. 3	*	*	*
5	100W1	Copper Washer (not required if O-Ring, ref. no. 3 is used)	*	*	*
6	17FP1 20FP1	Filler Plate - used with copper washer, ref. no. 5 Filler Plate - used with copper washer, ref. no. 5	*	*	*
7	17CU1 20CU1	Cup - 1-3/4" O.D. Cup - 2" O.D.	2	2	2
8	17BP1 20BP1	Back-Up Plate Back-Up Plate	1	1	1
9	17FP1 20FP1	Filler Plate Filler Plate	1	1	1
10	10SW1	Star Washer - 3/4" I.D. (not required if locknut, ref. no. 11 is used)	*	*	*
11	10NU1 10NU5	Nut - 3/4" NF (star washer, ref. no. 10 required) Lock Nut - 3/4" N.F.	*	*	*
12	17HP3 20HP7 20HP5	Head Plate Head Plate Head Plate	1	1	1
13	10OR5 10OR4	O-Ring - 1/8" x 1-3/4" O.D. O-Ring - 1/8" x 2" O.D.	1	1	1
14	10RS4 10RS1	Rod Seal - 1" I.D. Rod Seal - 1-1/2" I.D.	1	1	1
	10WS4 10WS1	Wiper Seal - 1" I.D. Wiper Seal - 1-1/2" I.D.	1	1	1
16	10GN1	1/4" - 28 Grease Fitting	2	2	2

HYDRAULIC CYLINDER - N5-A THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			152
1	17TU5	Tube Assembly - 1-3/4" x 27"	1
2	10SH17	Shaft - 1-1/2" x 27" - 2-5/8" Stub	1
3	100W1	Copper Washer (not required if O-ring, ref. no. 6 is used)	*
4	17ST1	Stop Washer	1
5	17FP1	Filler Plate - used with copper washer, ref. no. 3	*
6	10OR9	O-Ring - 1/16" x 7/8" O.D. (not required if copper washer, ref. no. 3 is used)	*
7	17FP2	Filler Plate w/Machined Seat for O-Ring, ref. no. 6	*
8	17CU1	Cup 1-3/4" O.D.	2
9	17BP1	Back-Up Plate	1
10	17FP1	Filler Plate	1
11	10SW1	Star Washer 3/4" I.D.	1
12	10NU1	Nut 3/4" N.F.	1
13	10OR4	O-Ring - 1/8" x 2" O.D.	1
14	20HP5	Head Plate	1
15	10RS1	Rod Seal - 1-1/2" I.D.	1
16	10WS1	Wiper Seal - 1-1/2" I.D.	1
17	10GN1	1/4" - 28 Grease Fitting	2

* AS REQUIRED

MODEL 60W LOADER



HYDRAULIC CYLINDER - N6 THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			223
1	22TU1	Tube Assembly - 2-1/4" x 27"	1
2	10SH16	Shaft - 1-1/2" x 27" - 2-1/2" Stub	1
3	10OR9	O-Ring - 1/16" x 7/8" O.D.	1
4	22CU1	U-Cup - 2-1/4" O.D.	2
5	22PB1	Piston Block	1
6	10SW1	Star Washer - 3/4" I.D.	1
7	10NU1	3/4" N.F. Nut	1
8	10OR15	O-Ring - 3/16" x 2-1/4" O.D.	1
9	22HP1	Head Plate	1
10	10RS1	Rod Seal - 1-1/2" I.D.	1
11	10WS1	Wiper Seal - 1-1/2" I.D.	1
12	10GN1	1/4" - 28 Grease Fitting	2

MODEL 60W LOADER CYLINDER REPAIR SEAL KIT CODES

CODE	17 = 1-3/4" bore
	20 = 2" bore
	22 = 2-1/4" bore
PART NO.	2015N5
	N5 = threaded head type
	N5-A = threaded head type
	N6 = threaded head type
	10 = 1" shaft
	15 = 1-1/2" shaft

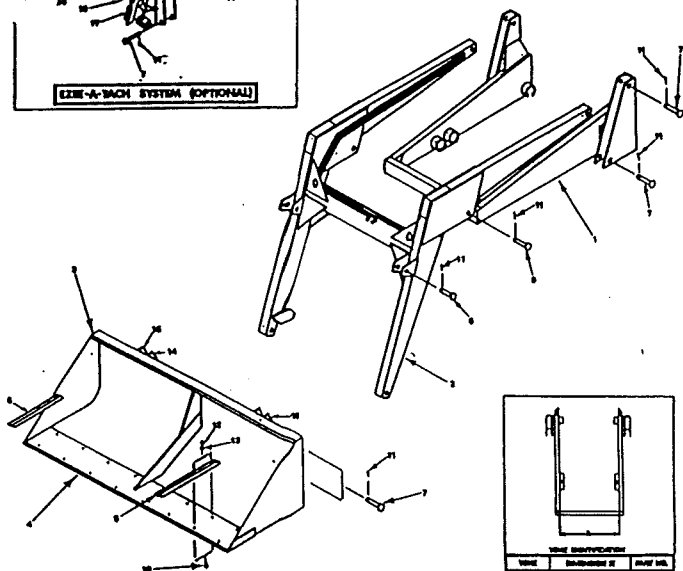
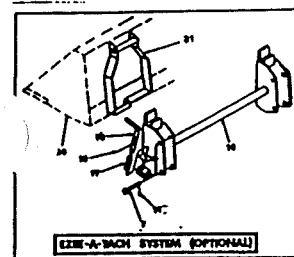
CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
1710N5	2 -	17 CU1	CUPS	150
	1 -	10OR5	O-RING	
	1 -	10RS4	ROD SEAL	
	1 -	10WS4	WIPER SEAL	
	1 -	10OR9	O-RING	
2010N5	2 -	20CU1	CUPS	155
	1 -	10OR4	O-RING	
	1 -	10RS4	ROD SEAL	
	1 -	10WS4	WIPER SEAL	
	1 -	10OR9	O-RING	
2015N5	2 -	20CU1	CUPS	158
	1 -	10OP4	O-RING	
	1 -	10RS1	ROD SEAL	
	1 -	10WS1	WIPER SEAL	
	1 -	10OR9	O-RING	
1715N5-A	2 -	17CU1	CUPS	152
	1 -	10OR4	O-RING	
	1 -	10RS1	ROD SEAL	
	1 -	10WS1	WIPER SEAL	
	1 -	10OR9	O-RING	
2215N6	2 -	22CU1	CUPS	223
	1 -	10OR15	O-RINGS	
	1 -	10RS1	ROD SEAL	
	1 -	10WS1	WIPER SEAL	
	1 -	10OR9	O-RING	

MODEL 60W CYLINDER SPECIFICATIONS

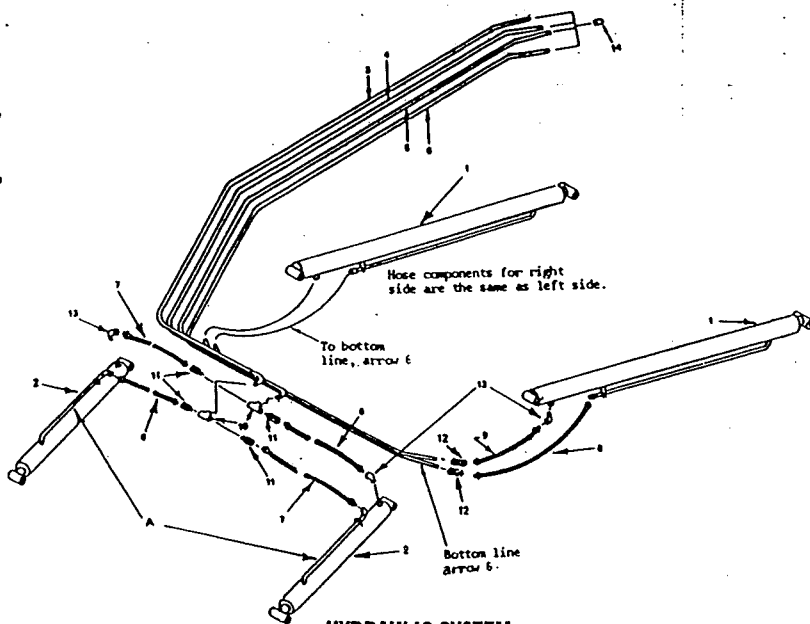
CODE NO.	DIAMETER	STROKE	C-C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
150	1-3/4"	12"	20-1/2"	1"	N5	BUCKET
155	2"	12"	20-1/2"	1"	N5	
158	2"	27"	35-1/2"	1-1/2"	N5	
152	1-3/4"	27"	35-1/2"	1-1/2"	N5-A	LIFT
223	2-1/4"	27"	35-1/2"	1-1/2"	N6	LIFT

MODEL 70 LOADER



LOADER

TYPE	DESCRIPTION	REF. NO.
70-1	STANDARD	1
70-2	WIDE	2
70-3	EXTRA WIDE	3



HYDRAULIC SYSTEM
(for Models prior to Serial No. 31641)

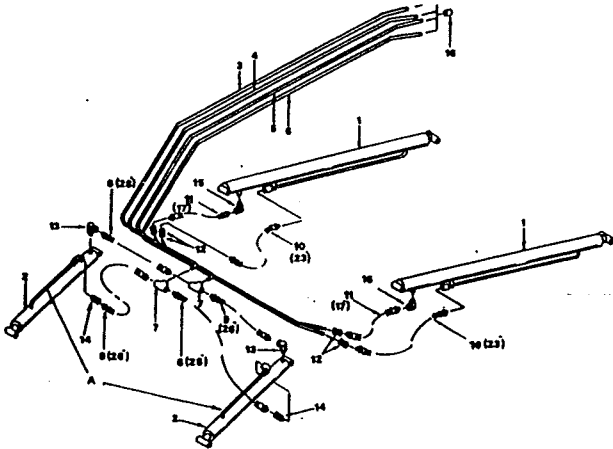
- with the exception of 31652, 31662, 31694, 31695, 31696, 31699, 31700, 31703, 31714)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB1721	70-1 Standard yoke assembly c/w 4 Pins (ref. no. 7)	1
	LB1733	70-2 Wide yoke assembly c/w 4 Pins (ref. no. 7)	1
	LB1739	70-3 Extra wide yoke assembly c/w 4 Pins (ref. no. 7)	1
	LB1700	Main frame assembly c/w 4 Pins (ref. no. 8 and 9)	1
3	LB1751	60" Bucket assembly c/w 4 Pins (ref. no. 7)	1
	LB1757	72" Bucket assembly c/w 4 Pins (ref. no. 7)	1
	LB1761	84" Bucket assembly c/w 4 Pins (ref. no. 7)	1
4	L41	60" Bucket blade (weld-on)	1
	L42	72" Bucket blade (weld-on)	1
	L43	84" Bucket blade (weld-on)	1
5	L51	Standard bucket teeth	*
	L52	Long bucket teeth	*
6	L1680	Short corner bucket teeth - used with standard teeth	2
	L51	Short corner bucket teeth - used with long teeth	2
7	L3	1" x 4-15/16" Carriage head bolt	8
8	L4	1" x 4-9/16" Carriage head bolt	2
9	L2	1" x 5-1/8" Carriage head pin	2
10	L57	7/16" x 2-1/4" N.C. Carriage head bolt c/w nut & lockwasher	*
11		1/4" x 1-1/2" Cotter pin	12
12		7/16" N.C. Hex nut	*
13	L1753	7/16" Lockwasher	*
14	L1754	Round hole bucket lug (weld-on)	2
15		Square hole bucket lug (weld-on)	2
	10GN1	1/4" - 28 Grease fitting	12
16	LB2501	Eze-A-Tach frame c/w four (4) Pins, ref. no. 7 and spring-Loaded Pins)	1
17	L2510	Spring	2
18	LB2507	Locking pin	2
19	L2511	Roll pin	2
20	LA2533	72" Eze-A-Tach bucket	*
	LA2534	84" Eze-A-Tach bucket	*
	LA2535	96" Eze-A-Tach bucket	*
	LA2508	Eze-A-Tach bracket - R.H.S. (weld-on)	1
	LA2509	Eze-A-Tach bracket - L.H.S. (Weld-on)	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	220, 225	Lift Cylinder - See cylinder parts list instructions	2
2	164, 222	Bucket Cylinder - See cylinder parts list instructions **	2
3	L1714	Oil Line c/w Coupler (ref. no. 14)	1
4	L1713	Oil Line c/w Coupler (ref. no. 14)	1
5	L1712	Oil Line c/w Coupler (ref. no. 14)	1
6	L1711	Oil Line c/w Coupler (ref. no. 14)	1
7	H26	Hydraulic Hose - 3/8" x 26"	2
8	H23	Hydraulic Hose - 3/8" x 23"	4
9	H17	Hydraulic Hose - 3/8" x 17"	2
10	L1617	3/8" x 3/8" x 3/8" Female Tee	2
11	L1619	3/8" Male-Female Swivel Adapter	4
12	L29	3/8" Female Swivel Adapter	4
13	DL5283	3/8" Street Elbow	4
14	DL5280	3/8" Straight Coupler	4

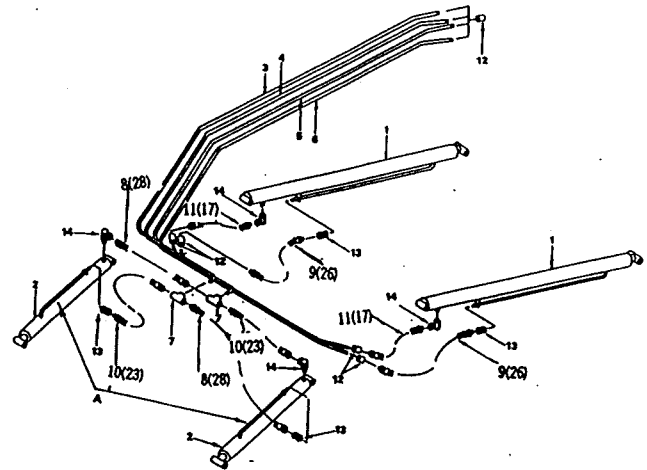
** NOTE: If new bucket cylinders are ordered, the hoses which run between cylinder oil line, ref letter "A" and 3/8" tee on H-frame oil line will have to be extended or new 3/8" x 40" hoses will have to be ordered. To connect hose to cylinder oil line, install a 3/8" female x 3/8" female straight coupler on oil line. Order coupler if required.

MODEL 70 LOADER



HYDRAULIC SYSTEM
(for Models with Serial No. 31641 to 32094)
* with the exception of 31652 and 31662

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	220, 225	Lift Cylinder - See cylinder parts list instructions	*
2	222	Bucket Cylinder - See cylinder parts list instructions	*
3	L1714	Oil Line c/w Coupler (ref. no. 16)	1
4	L1713	Oil Line c/w Coupler (ref. no. 16)	1
5	L1712	Oil Line c/w Coupler (ref. no. 16)	1
6	L1711	Oil Line c/w Coupler (ref. no. 16)	1
7	L1617	3/8" x 3/8" x 3/8" Female Tee	2
8	H28	Hydraulic Hose - 3/8" x 28"	2
9	H26	Hydraulic Hose - 3/8" x 26"	2
10	H23	Hydraulic Hose - 3/8" x 23"	2
11	H17	Hydraulic Hose - 3/8" x 17"	2
12	L29	3/8" Female-Female Swivel Adapter	4
13	DL9769	3/8" x 90 degree Swivel Street Elbow	2
14	L1619	3/8" Male-Female Swivel Adapter	2
15	DL5283	3/8" Street Elbow (Steel)	2
16	DL5280	3/8" Straight Coupler (Steel)	4



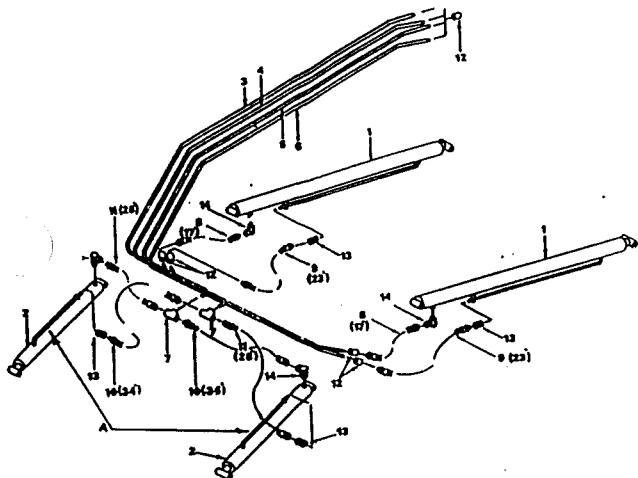
HYDRAULIC SYSTEM
(for Models with Serial No. 32094 to 32560)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	220, 225	Lift Cylinder - See cylinder parts list instructions	*
2	222	Bucket Cylinder - See cylinder parts list instructions	*
3	L1714	Oil Line c/w Coupler (ref. no. 16)	1
4	L1713	Oil Line c/w Coupler (ref. no. 16)	1
5	L1712	Oil Line c/w Coupler (ref. no. 16)	1
6	L1711	Oil Line c/w Coupler (ref. no. 16)	1
7	DL5282	3/8" x 3/8" x 3/8" Female Tee	2
8	H17	Hydraulic Hose - 3/8" x 28"	2
9	H23	Hydraulic Hose - 3/8" x 26"	2
10	H26	Hydraulic Hose - 3/8" x 23"	2
11	H28	Hydraulic Hose - 3/8" x 17"	2
12	DL5280	3/8" Steel Connector Union	8
13	L29	3/8" Female-Female Swivel Adapter	2
14	DL9769	3/8" x 90 degree Male-Female Swivel Elbow	4

* AS REQUIRED

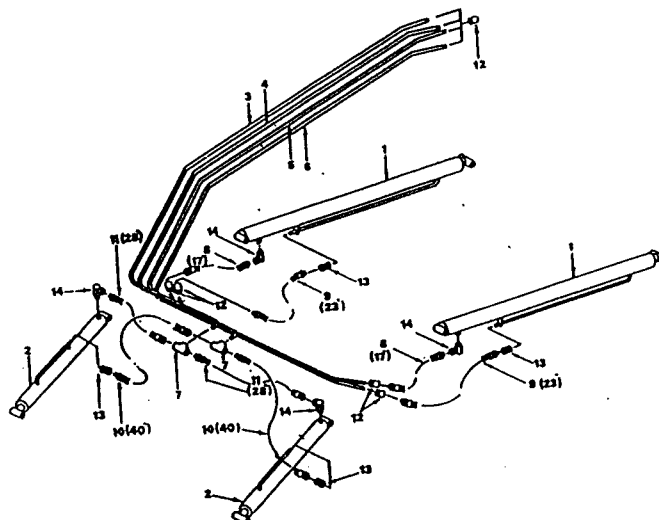
** NOTE: If new bucket cylinders are ordered, the hoses which run between oil line, ref. letter "A" and 3/8" tee on H-frame oil line will have to be extended or new 3/8" x 40" hoses will have to be ordered. To connect hose to cylinder oil line, install a 3/8" female x 3/8" female straight coupler on oil line. Order coupler if required.

MODEL 70 LOADER



HYDRAULIC SYSTEM
(for Models with Serial No. 32562 to 32952)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	220, 256,	Lift Cylinder - See Cylinder Parts List Instructions	*
2	222	Bucket Cylinder - See Cylinder Parts List Instructions **	*
3	L1714	Oil Line c/w Coupler (ref. no. 16)	1
4	L1713	Oil Line c/w Coupler (ref. no. 16)	1
5	L1712	Oil Line c/w Coupler (ref. no. 16)	1
6	L1711	Oil Line c/w Coupler (ref. no. 16)	1
7	DL5282	3/8" x 3/8" x 3/8" Female Tee	2
8	L2900	Hydraulic Hose - 3/8" x 17"	2
9	H2904	Hydraulic Hose - 3/8" x 23"	2
10	L2909	Hydraulic Hose - 3/8" x 34"	2
11	L2907	Hydraulic Hose - 3/8" x 28"	2
12	DL5280	3/8" Steel Connector Union	8
	DL29	3/8" Female-Female Swivel Adapter	4
	DL9769	3/8" x 90 degree Male-Female Swivel Elbow	4



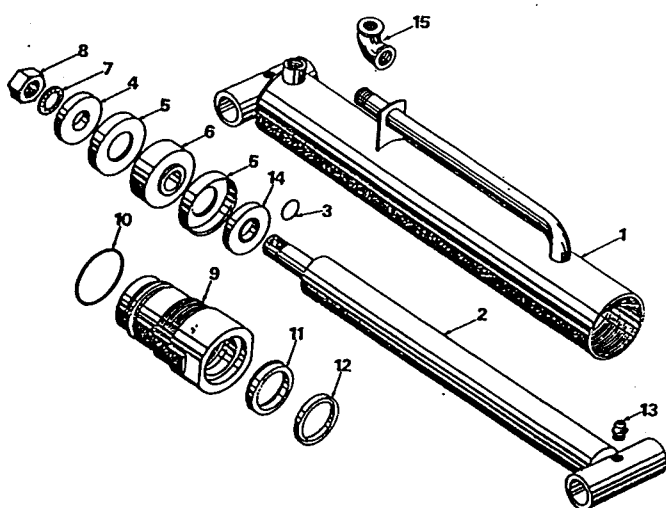
HYDRAULIC SYSTEM
(for Models with Serial No. 32953 and up)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	220, 256	Lift Cylinder - See Cylinder Parts List Instructions	*
2	254	Bucket Cylinder - See Cylinder Parts List Instructions	*
3	L1714	Oil Line c/w Coupler (ref. no. 12)	1
4	L1713	Oil Line c/w Coupler (ref. no. 12)	1
5	L1712	Oil Line c/w Coupler (ref. no. 12)	1
6	L1711	Oil Line c/w Coupler (ref. no. 12)	1
7	DL5282	3/8" x 3/8" x 3/8" Female Tee (Steel)	2
8	L2900	Hydraulic Hose - 3/8" x 17"	2
9	H2904	Hydraulic Hose - 3/8" x 23"	2
10	L2909	Hydraulic Hose - 3/8" x 40"	2
11	L2907	Hydraulic Hose - 3/8" x 28"	2
12	DL5280	3/8" Steel Connector Union (Steel)	8
13	DL29	3/8" Female-Female Swivel Adapter	4
14	DL9769	3/8" x 90 degree Male-Female Swivel Elbow	4

* AS REQUIRED

** NOTE: If new bucket cylinders are ordered, the hoses which run between oil line, ref. letter "A" and 3/8" tee on H-frame oil line will have to be extended or new 3/8" x 40" hoses will have to be ordered. To connect hose to cylinder oil line, install a 3/8" female x 3/8" female straight coupler on oil line. Order coupler if required.

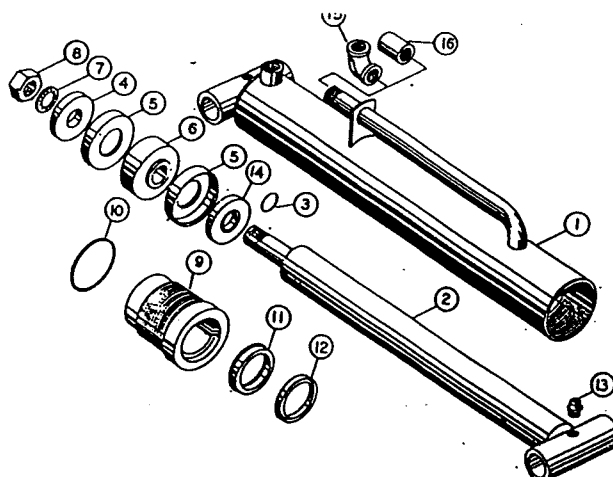
MODEL 70 LOADER



BUCKET CYLINDER - N5 THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			164	
1	20TU26	Tube Assembly - 2" x 18"	1	
2	10SH32	Shaft - 1-1/4" x 18"	1	
3	10OR9	3/4" I.D. x 7/8" O.D. O-Ring	1	
4	20FP1	Filler Plate	1	
5	20CU1	2" A-Cup	2	
6	20BP1	Back-up Plate	1	
7*	10SW1	Star Washer (not required with locking nut)	*	
8	10NU1	3/4" N.F. Nut	*	
	10NU5	3/4" N.F. Locking Nut	*	
9	20HP8	Head Plate	1	
10	10OR4	1-3/4" I.D. x 2" O.D. O-Ring	1	
11	10RS5	1-1/4" I.D. x 1-5/8" O.D. x 3/8" Rod Seal	1	
12	10WS5	1-1/4" I.D. x 1-1/2" O.D. x 1/8" Wiper Seal	1	
13	10GN1	1/4" - 28 Grease Fitting	2	
14	20FP2	Filler Plate	1	
15	10EL1	Elbow (on tube assembly)	*	

* As Required
Seal Kit #2012N5

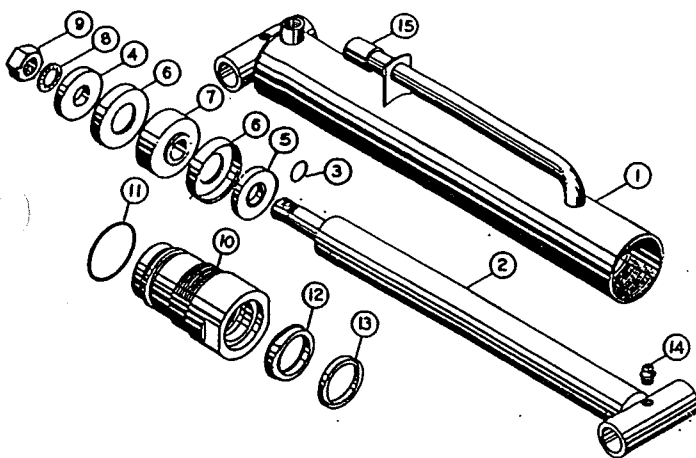


BUCKET AND LIFT CYLINDER - N6 THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			220	221
1	25TU3 25TU40	Tube Assembly - 2-1/2" x 18" Tube Assembly - 2-1/2" x 27"	1	1
2	10SH3 10SH9	Shaft - 1-1/2" x 18" Shaft - 1-1/2" x 27"	1	1
3	10OR9	3/4" I.D. x 7/8" O.D. O-Ring	1	1
4	25FP1	Filler Plate	1	1
5	25CU1	2-1/2" Cup	2	2
6	25BP1	Back-up Plate	1	1
7	10SW1	Star Washer (not required if lock nut is used)	1	1
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	1 1	1 1
9	25HP10	Head Plate	1	1
10	10OR20	2-1/8" I.D. x 2-1/2" O.D. O-Ring	1	1
11	10RS1	1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal	1	1
12	10WS1	1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal	1	1
13	10GN1	1/4" - 28 Grease Fitting	2	2
14	25FP2	Filler Plate w/O-Ring Seal	1	1
15	10EL1*	3/8" x 90 degree Elbow	1	1
16	10SC1*	3/8" x 3/8" Straight Coupler	1	1

* Not required when swivel elbows or female swivel adapters are supplied.
Seal Kit #2515N6

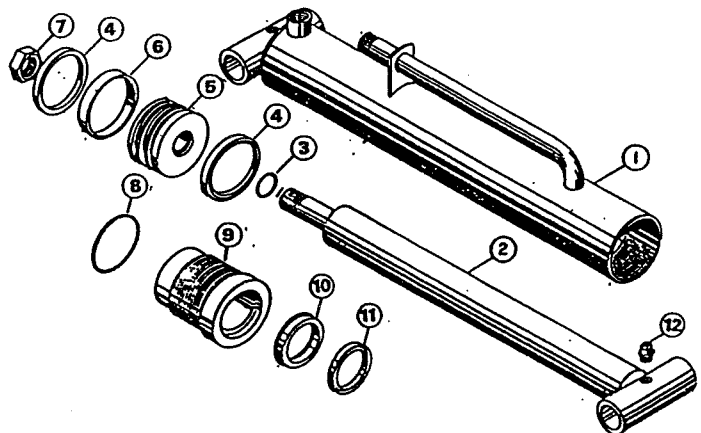
MODEL 70 LOADER



LIFT CYLINDER - N4 THREADED HEAD TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			225
1	30TU14	Assembly - 3" x 27"	1
2	10SH9	Shaft - 1-1/2" x 27"	1
3	10OR9	3/4" I.D. x 7/8" O.D. O-Ring	1
4	30FP1	Filler Plate	1
5	30FP3	Filler Plate w/O-Ring Seat	1
6	30CU1	3" Cup	2
7	30BP1	Back-Up Plate	1
8	10SW1	Star Washer (not required if lock nut is used)	1
9	10NU1	3/4" N.F. Nut	1
	10NU5	3/4" N.F. Locking Nut	1
10	30HP6	Head Plate	1
11	10OR3	2-5/8" I.D. x 3" O.D. O-Ring	1
12	10RS1	1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal	1
	10WS1	1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal	1
	10GN1	1/4" - 28 Grease Fitting	2
15	10SC1	3/8" Straight Coupler (not required when female swivel adapters are supplied)	1

Seal Kit # 3015N4

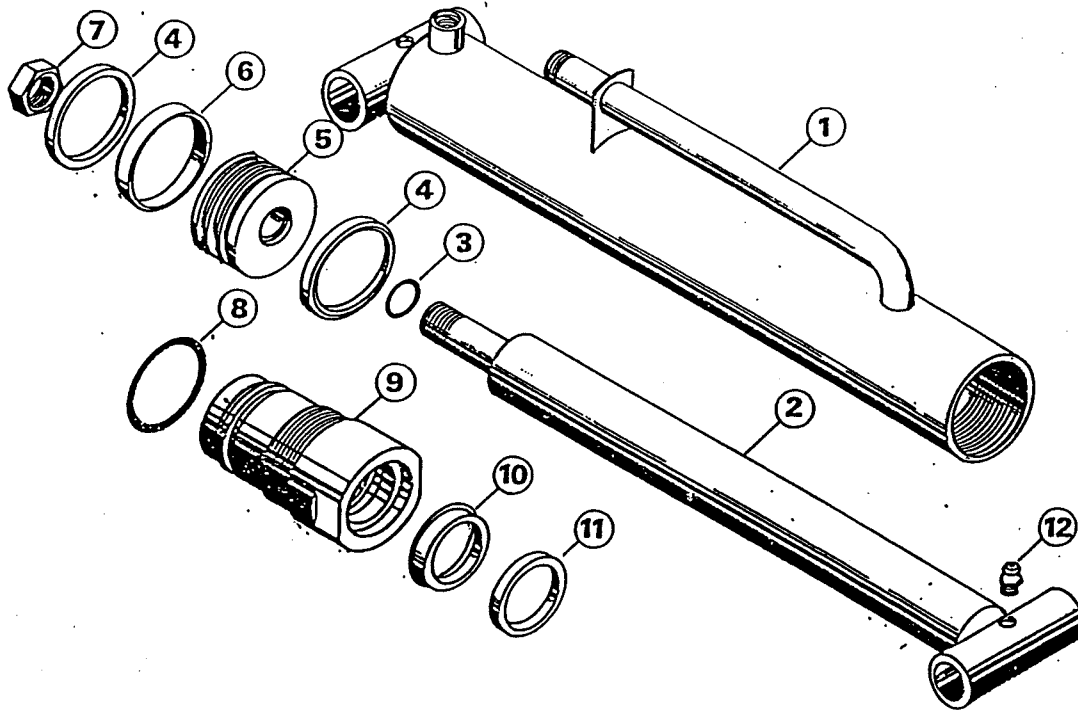


LIFT CYLINDER - N6 THREADED HEAD TYPE - U-CUP PISTON

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			225
1	25TU44	Tube Assembly - 2-1/2" x 18" w/Short Oil Line	1
2	10SH3	Shaft - 1-1/2" x 18"	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	2
4	25CU2	U-Cups - 2" I.D. x 2-1/2" O.D. x 3/8"	1
5	25PB1	Piston - 2-1/2" O.D. x 3/4" I.D.	1
6	25WR1	Wear Ring - 2-1/4" I.D. x 2-1/2" O.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	10OR20	O-Ring - 2-1/8" I.D. x 2-1/2" O.D.	1
9	25HP10	Head Plate - 2-1/2" O.D. x 1-1/2" I.D.	1
10	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
11	10WS1	Wiper Seal - 1/2" I.D. x 1-7/8" O.D. x 3/16"	1
12	10GN1	1/4" - 28 Grease Fitting	1

Seal Kit # 2515N6

MODEL 70 LOADER



LIFT CYLINDER N4 THREADED HEAD TYPE - U- CUP PISTON

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			223
1	30TU14	Tube Assembly - 3" x 27"	1
2	10SH9	Tube Assembly - 1-1/2" x 27"	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB3	Piston - 3" O.D. x 3/4" I.D.	1
6	30WR1	Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	1
9	30HP6	Head Plate - 3" O.D. x 1-3/4" I.D.	1
10	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
11	10WS1	Wiper Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/16"	1
12	10GN1	1/4" - 28 Grease Fitting	2

Seal Kit #3515RN4

MODEL 70 LOADER CYLINDER REPAIR SEAL KIT CODES

CODE	20 = 2" bore 25 = 2-1/2" bore 30 = 3" bore
PART NO. 2015N5	N4 = threaded head type N5 = threaded head type N6 = threaded head type
	12 = 1-1/4" shaft 15 = 1-1/2" shaft

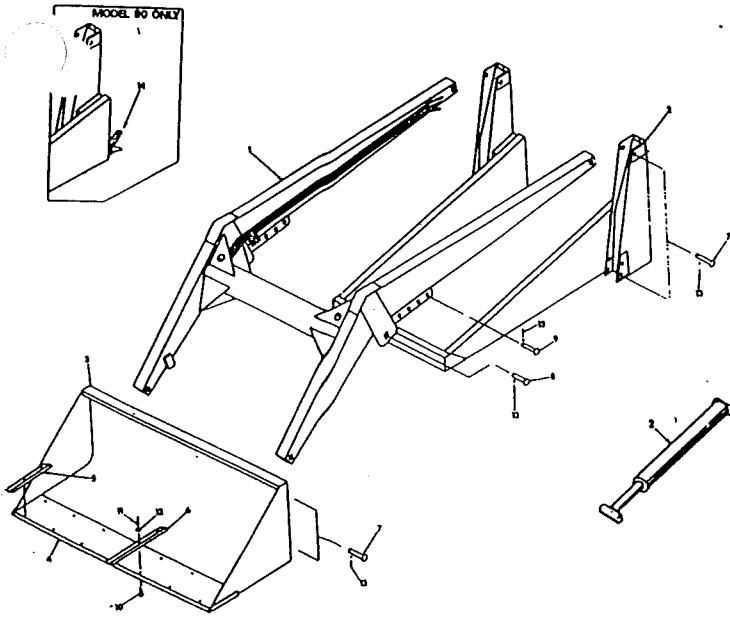
CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2012N5	1 - 100R9	3/4" I.D. x 7/8" O.D. O-Ring		164
	2 - 20CU1	2" A-Cup		
	1 - 100R4	1-3/4" I.D. x 2" O.D. O-Ring		
	1 - 10RS5	1-1/4" I.D. x 1-5/8" O.D. x 3/8" Rod Seal		
	1 - 10WS5	1-1/4" I.D. x 1-1/2" O.D. x 1/8" Wiper Seal		
2515N6	1 - 100R9	3/4" I.D. x 7/8" O.D. O-Ring		220, 221
	2 - 25CU1	2-1/2" Cup		
	1 - 100R20	2-1/8" I.D. x 2-1/2" O.D. O-Ring		
	1 - 10RS1	1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal		
	1 - 10WS1	1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal		
3015N4	1 - 100R9	3/4" I.D. x 7/8" O.D. O-Ring		225
	2 - 30CU1	3" Cup		
	1 - 100R3	2-5/8" I.D. x 3" O.D. O-Ring		
	1 - 10RS1	1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal		
	1 - 10WS1	1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal		

MODEL 70 CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C- C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
164	2"	18"	26-1/2"	1-1/4"	N5	BUCKET
221	2-1/2"	18"	26-1/2"	1-1/2"	N6	BUCKET
220	2-1/2"	27"	35-1/2"	1-1/2"	N6	LIFT
225	3"	27"	35-1/2"	1-1/2"	N4	LIFT

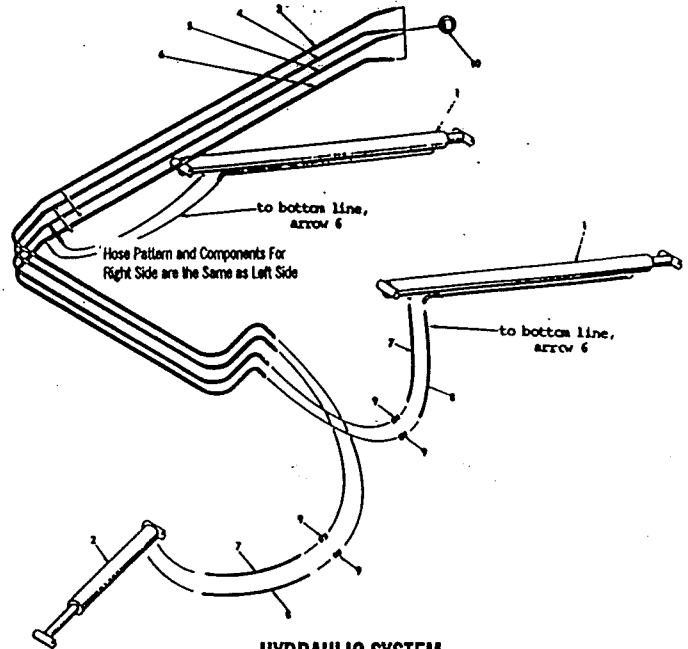
MODEL 80 LOADER



H-FRAME, YOKE AND BUCKET

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB801	Main Frame Assembly - Standard c/w four (4) pins (ref. no. 7 & 8)	*
	LB873	Main Frame Assembly - Wide Spaced Lift Cylinder Lugs c/w four (4) pins (ref. no. 7 & 8) (used when 3" lift cylinders are used)	*
	LB806	Narrow Yoke Assembly - c/w four (4) pins (ref. no. 6)	*
	LB841	Wide Yoke Assembly - c/w four (4) pins (ref. no. 6 & 8)	*
	LB901	Yoke Assembly - c/w four (4) pins (ref. no. 6)	*
3	LB811	60" Bucket c/w four (4) pins (ref. no. 6)	*
	LB812	72" Bucket c/w four (4) pins (ref. no. 6)	*
	LB813	84" Bucket c/w four (4) pins (ref. no. 6)	*
	LB880	96" Bucket c/w four (4) pins (ref. no. 6)	*
Back of Bucket	L831	Attaching Lug - Square Hole (Weld-On)	2
	L832	Attaching Lug - Round Hole (Weld-On)	2
4	L41	60" Bucket Blade (Weld-On)	*
	L42	72" Bucket Blade (Weld-On)	*
	L43	84" Bucket Blade (Weld-On)	*
	-L1638	96" Bucket Blade (Weld-On)	*
5	L1680	Bucket Tooth - Short	*
6	L51	Bucket Tooth - Standard	*
	L52	Bucket Tooth - Long	*
7	L3	1" x 4-15/16" Carriage Head Pin	8
8	L4	1" x 4-9/16" Carriage Head Pin	2
9	L2	1" x 5-1/8" Carriage Head Pin (Wide Lug Main Frame)	2
	L4	1" x 4-9/16" Carriage Head Pin (Standard Main Frame)	2
10	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt c/w Nut and Lockwasher	14-16 20-22
11		7/16" N.C. Hex Nut	14-16 20-22
12		7/16" Lockwasher	14-16 20-22
		1/4" x 1-1/2" Cotter Pin	12
14	10GN1 L30	1/4" - 28 Grease Fitting Jaw Spacer (Weld-On)	4

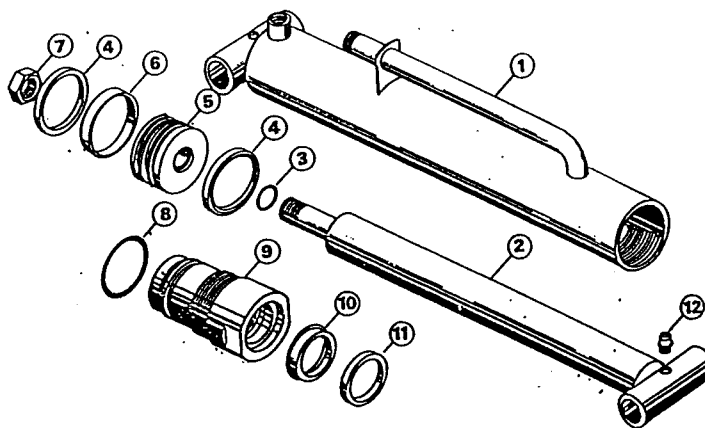
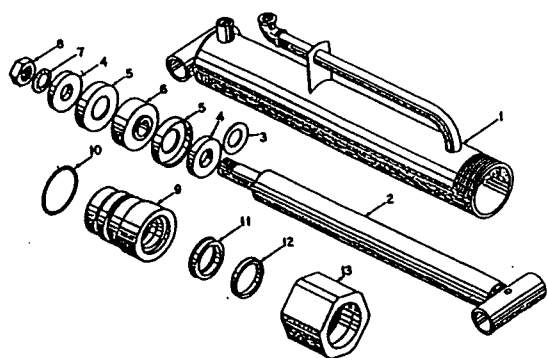
* AS REQUIRED



HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1814	Bottom 4 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
4	L1813	Bottom 3 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
5	L1812	Bottom 2 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
6	L1811	Bottom 1 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
7	H17	3/8" x 17" Hydraulic Hose	4
8	H19	3/8" x 19" Hydraulic Hose	4
9	L29	3/8" Female Swivel Adapter	8
10	DL5280	3/8" Straight Coupler	4

MODEL 80 LOADER



HYDRAULIC SYSTEM - N3 CYLINDER

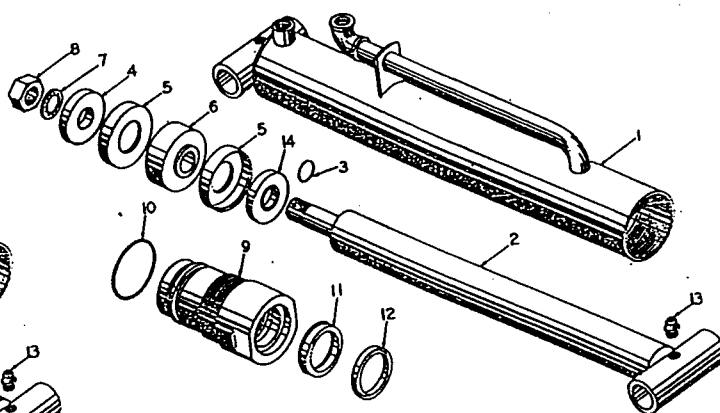
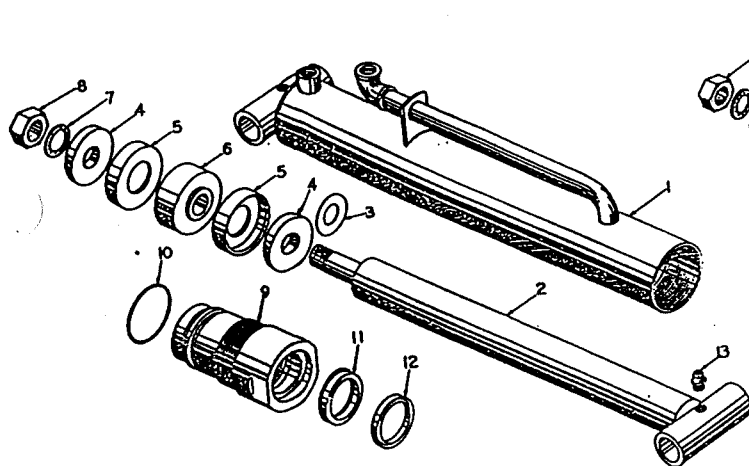
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			121	129	132
1	25TU34 25TU35	Tube Assembly - 2-1/2" x 18" Tube Assembly - 2-1/2" x 40"	1	1	1
2	10SH3 10SH5 10SH11	Shaft - 1-1/2" x 18" Shaft - 1-1/2" x 40" Shaft - 1-3/4" x 40"	1	1	1
3	10OW1	Copper Washer	1	1	1
4	25FP1	Filler Plate	2	2	2
5	25CU1	Cup	2	2	2
6	25BP1	Back-up Plate	1	1	1
7	10SW1	Star Washer (not required with locking nut)	*	*	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*	*	*
9	25HP7 25HP8	Head Plate Head Plate	1	1	1
10	10OR1	O-Ring	1	1	1
11	10RS1 10RS3	Rod Seal Rod Seal	1	1	1
12	10WS1 10WS3	Wiper Seal Wiper Seal	1	1	1
13	25HN1 10GN1 10SS1 10EL1	Head Nut 1/4" - 28 Grease Fitting Set Screw (for head nut) Elbow (on tube assembly)	1 2 1 1	1 2 1 1	1 2 1 1

HYDRAULIC SYSTEM - N4 CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			143
1	30TU12	Tube Assembly - 3" x 40"	1
2	10SH11	Shaft - 1-3/4" x 40"	1
3	10OW1	Copper Washer	1
4	30FP1	Filler Plate	2
5	30CU1	Cup	2
6	30BP1	Back-up Plate	1
7	10SW1	Star Washer (not required with locking nut)	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*
9	30HP8	Head Plate	1
10	10OR3	O-Ring	1
11	10RS3	Rod Seal	1
12	10WS3	Wiper Seal	1
13	10GN1 10EL1	1/4" - 28 Grease Fitting Elbow (on tube assembly)	2 1

* AS REQUIRED

MODEL 80 LOADER



HYDRAULIC SYSTEM - N5 CYLINDER

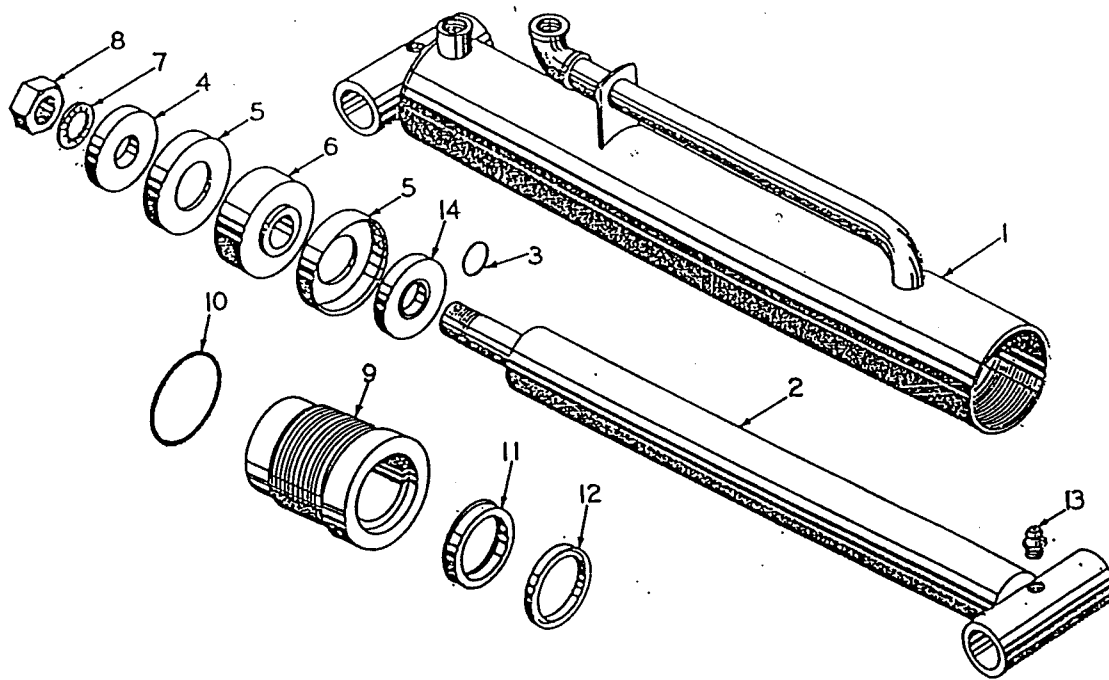
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			156	159
1	20TU26 20TU27	Tube Assembly - 2" x 18" Tube Assembly - 2" x 40"	1	1
2	10SH3 10SH5	Shaft - 1-1/2" x 18" Shaft - 1-1/2" x 40"	1	1
3	10OW1	Copper Washer	1	1
4	20FP1	Filler Plate	2	2
5	20CU1	Cup	2	2
6	20BP1	Back-up Plate	1	1
7	10SW1	Star Washer (not required with locking nut)	*	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*	*
9	20HP5 10OR4 10RS1	Head Plate O-ring Rod Seal	1 1 1	1 1 1
12	10WS1	Wiper Seal	1	1
13	10GN1 10EL1	1/4" - 28 Grease Fitting Elbow (on tube assembly)	2 1	2 1

HYDRAULIC SYSTEM - N5 CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			164
1	20TU26	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring	1
4	20FP1	Filler Plate	1
5	20CU1	Cup	2
6	20BP1	Back-up Plate	1
7	10SW1	Star Washer (not required with locking nut)	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*
9	20HP8	Head Plate	1
10	10OR4	O-Ring	1
11	10RS5	Rod Seal	1
12	10WS5	Wiper Seal	1
13	10GN1	1/4" - 28 Grease Fitting	2
14	20FP2 10EL1	Filler Plate Elbow (on tube assembly)	1 1

* AS REQUIRED

MODEL 80 LOADER

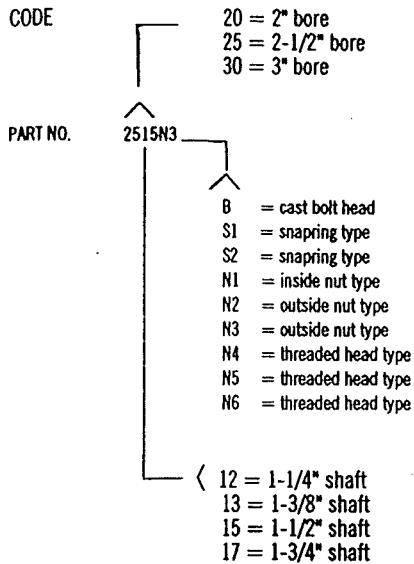


HYDRAULIC SYSTEM - N6 CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			222	224
1	25TU37 25TU39	Tube Assembly - 2"-1/2 x 18" Tube Assembly - 2"-1/2 x 40"	1	1
2	10SH3 10SH5	Shaft - 1-1/2" x 18" Shaft - 1-1/2" x 40"	1	1
3	10OR9	O-Ring	1	1
4	25FP1	Filler Plate	1	1
5	25CU1	Cup	2	2
6	25BP1	Back-up Plate	1	1
7	10SW1	Star Washer (not required with locking nut)	*	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*	*
9	20HP10	Head Plate	1	1
10	10OR20	O-ring	1	1
11	10RS1	Rod Seal	1	1
12	10WS1	Wiper Seal	1	1
13	10GN1 25FP2 10EL1	1/4" - 28 Grease Fitting Filler Plate Elbow (on tube assembly)	2 1 1	2 1 1

* AS REQUIRED

**MODEL 80 LOADER
CYLINDER REPAIR SEAL KIT CODES**



CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2513B	2 -	25CU1	Cups	35
	1 -	10VP1	V-Packing	
	1 -	10OR1	O-Ring	
	1 -	20SR1	Snapping	
2515B	2 -	25CU1	Cups	36, 46
	1 -	10VP1	V-Packing	
	1 -	10OR1	O-Ring	
	1 -	20SR1	Snapping	
2013N1	2 -	20CU1	Cups	15
	1 -	10VP1	V-Packing	
	1 -	20SR1	Snapping	
2015N1	2 -	20CU1	Cups	17, 23
	1 -	10VP2	V-Packing	
	1 -	20SR1	Snapping	
2515N2	2 -	25CU1	Cups	123
	1 -	10VP2	V-Packing	
	1 -	10OR1	O-Ring	
	1 -	10WS1	Wiper Seal	
	1 -	20SR1	Snapping	
2515N3	2 -	25CU1	Cups	121, 129
	1 -	10OR1	O-Ring	
	1 -	10RS1	Rod Seal	
	1 -	10WS1	Wiper Seal	
	1 -	10OR9	O-Ring	
2517N3	2 -	25CU1	Cups	132
	1 -	10OR1	O-Ring	
	1 -	10OR3	Rod Seal	
	1 -	10WS3	Wiper Seal	
3017N4	2 -	30CU1	Cups	143
	1 -	10OR3	O-Ring	
	1 -	10RS3	Rod Seal	
	1 -	10WS3	Wiper Seal	
	1 -	10OR13	O-Ring	
	1 -	10OR9	O-Ring	
2015N5	2 -	20CU1	Cups	156, 159
	1 -	10OR4	O-Ring	
	1 -	10RS1	Rod Seal	
	1 -	10WS1	Wiper Seal	
	1 -	10OR9	O-Ring	

MODEL 80

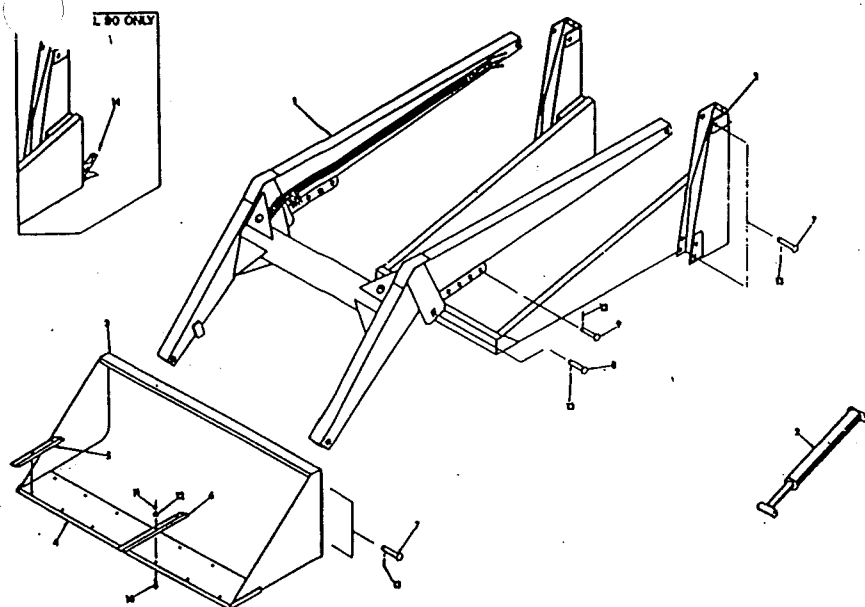
CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2515N6	2 -	25CU1	Cups	222, 224
	1 -	100R20	O-Ring	
	1 -	10RS1	Rod Seal	
	1 -	10WS1	Wiper Seal	
	1 -	100R9	O-Ring	
2013S1	2 -	20CU1	Cups	14
	1 -	10VP1	V-Packing	
	2 -	20SR1	Snapping	
2015S1	2 -	20CU1	Cups	16, 22
	1 -	10VP2	V-Packing	
	2 -	20SR1	Snapping	
2517S1	2 -	25CU1	Cups	48
	1 -	10VP3	V-Packing	
	2 -	25SR1	Snapping	
2515S2	2 -	25CU1	Cups	37, 47
	1 -	10VP2	V-Packing	
	1 -	100R1	O-Ring	
	2 -	25SR1	Snapping	
2513S2	2 -	25CU1	Cups	32
	1 -	10VP1	V-Packing	
	1 -	100R1	O-Ring	
	2 -	25SR1	Snapping	

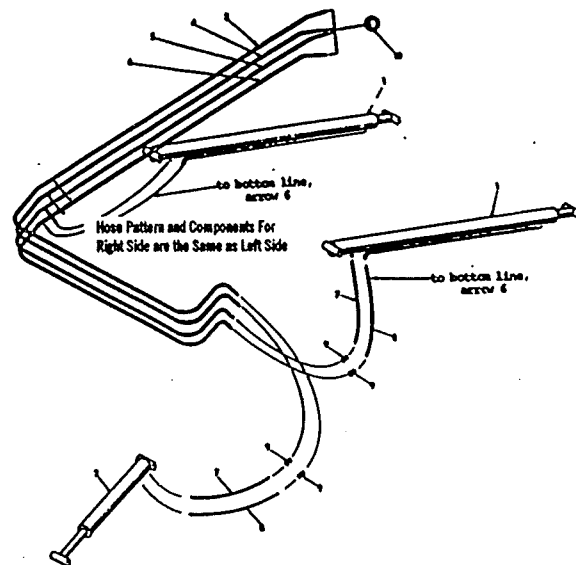
CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C - C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
14	2"	18"	26-1/2"	1-3/8"	S1	BUCKET
15	2"	18"	26-1/2"	1-3/8"	N1	BUCKET
16	2"	18"	26-1/2"	1-1/2"	S1	BUCKET
17	2"	18"	26-1/2"	1-1/2"	N1	BUCKET
22	2"	40"	48-1/2"	1-1/2"	S1	LIFT
23	2"	40"	48-1/2"	1-1/2"	N1	LIFT
32	2-1/2"	18"	26-1/2"	1-3/8"	S2	BUCKET
35	2-1/2"	18"	26-1/2"	1-3/8"	B	BUCKET
36	2-1/2"	18"	26-1/2"	1-1/2"	B	BUCKET
37	2-1/2"	18"	26-1/2"	1-1/2"	S2	BUCKET
46	2-1/2"	40"	48-1/2"	1-1/2"	B	LIFT
47	2-1/2"	40"	48-1/2"	1-1/2"	S2	LIFT
48	2-1/2"	40"	48-1/2"	1-3/4"	S1	LIFT
121	2-1/2"	18"	26-1/2"	1-1/2"	N3	BUCKET
123	2-1/2"	18"	26-1/2"	1-1/2"	N2	BUCKET
129	2-1/2"	40"	48-1/2"	1-1/2"	N3	LIFT
132	2-1/2"	40"	48-1/2"	1-3/4"	N3	LIFT
143	3"	40"	48-1/2"	1-3/4"	N4	LIFT
156	2"	18"	26-1/2"	1-1/2"	N5	BUCKET
159	2"	40"	48-1/2"	1-1/2"	N5	LIFT
164	2"	18"	26-1/2"	1-1/4"	N5	BUCKET
222	2-1/2"	18"	26-1/2"	1-1/2"	N6	BUCKET
224	2-1/2"	40"	48-1/2"	1-1/2"	N6	LIFT

MODEL 90 LOADER



H-FRAME, YOKE AND BUCKET



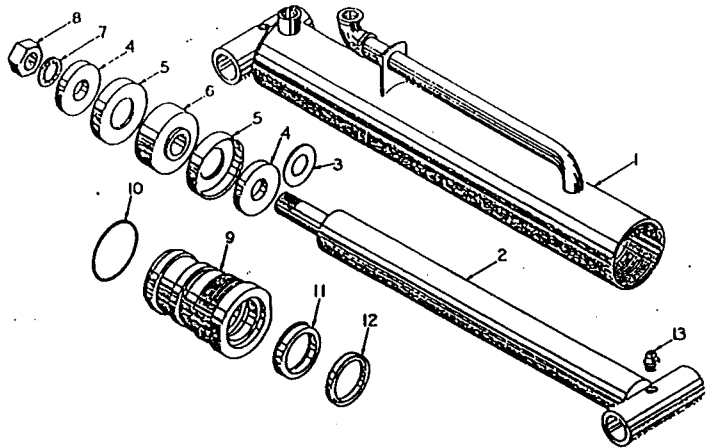
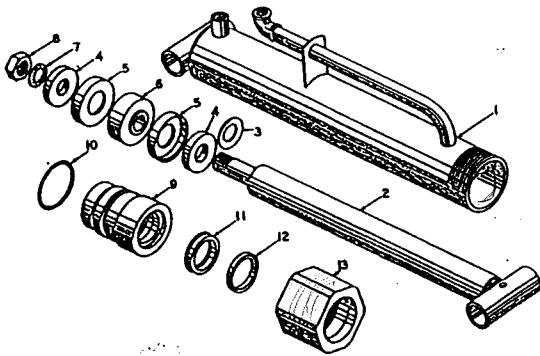
HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB801	Main Frame Assembly - Standard c/w four (4) pins (ref. no. 7 & 8)	*
	LB873	Main Frame Assembly - Wide Spaced Lift Cylinder Lugs c/w four (4) pins (ref. no. 7 & 8) (used when 3" lift cylinders are used)	*
2	LB806	Narrow Yoke Assembly - c/w four (4) pins (ref. no. 6)	*
	LB841	Wide Yoke Assembly - c/w four (4) pins (ref. no. 6 & 8)	*
	LB901	Yoke Assembly - c/w four (4) pins (ref. no. 6)	*
3	LB811	60" Bucket c/w four (4) pins (ref. no. 6)	*
	LB812	72" Bucket c/w four (4) pins (ref. no. 6)	*
	LB813	84" Bucket c/w four (4) pins (ref. no. 6)	*
	LB880	96" Bucket c/w four (4) pins (ref. no. 6)	*
Back of Bucket	L831	Attaching Lug - Square Hole (Weld-On)	2
	L832	Attaching Lug - Round Hole (Weld-On)	2
4	L41	60" Bucket Blade (Weld-On)	*
	L42	72" Bucket Blade (Weld-On)	*
	L43	84" Bucket Blade (Weld-On)	*
	-L1638	96" Bucket Blade (Weld-On)	*
5	L1680	Bucket Tooth - Short	*
6	L51	Bucket Tooth - Standard	*
	L52	Bucket Tooth - Long	*
7	L3	1" x 4-15/16" Carriage Head Pin	8
8	L4	1" x 4-9/16" Carriage Head Pin	2
9	L2	1" x 5-1/8" Carriage Head Pin (Wide Lug Main Frame)	2
	L4	1" x 4-9/16" Carriage Head Pin (Standard Main Frame)	2
10	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt c/w Nut and Lockwasher	14-16 20-22
11		7/16" N.C. Hex Nut	14-16 20-22
		7/16" Lockwasher	14-16 20-22
13	10GN1	1/4" x 1-1/2" Cotter Pin	12
14	L30	1/4" - 28 Grease Fitting Jaw Spacer (Weld-On)	4

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1814	Bottom 4 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
4	L1813	Bottom 3 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
5	L1812	Bottom 2 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
6	L1811	Bottom 1 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
7	H17	3/8" x 17" Hydraulic Hose	4
8	H19	3/8" x 19" Hydraulic Hose	4
9	L29	3/8" Female Swivel Adapter	8
10	DL5280	3/8" Straight Coupler	4

* AS REQUIRED

MODEL 90 LOADER



HYDRAULIC SYSTEM - N3 CYLINDER

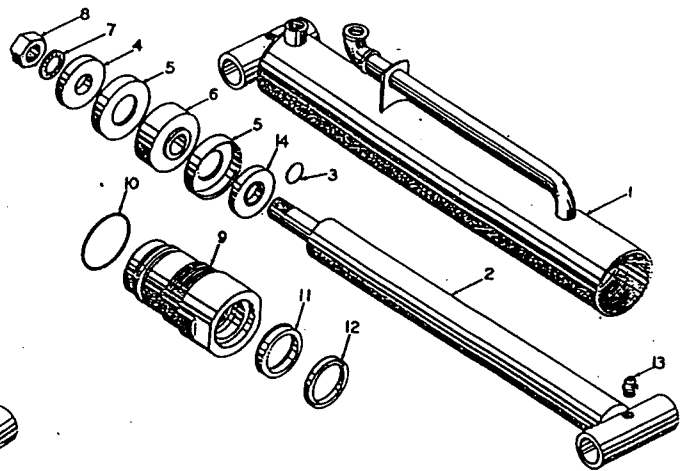
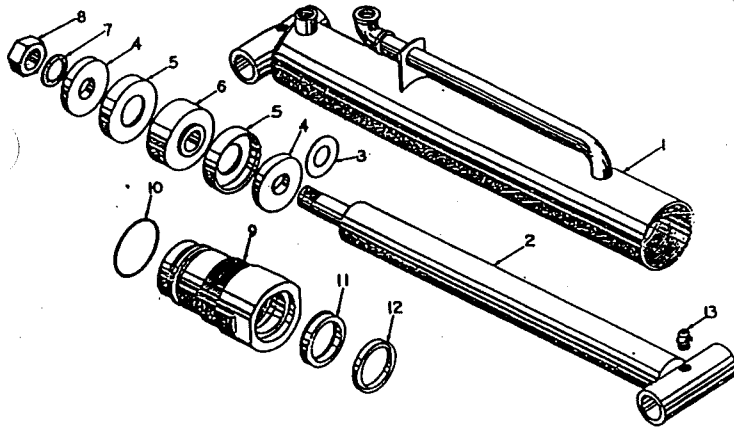
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			121	129	132
1	25TU34 25TU35	Tube Assembly - 2-1/2" x 18" Tube Assembly - 2-1/2" x 40"	1	1	1
2	10SH3 10SH5 10SH11	Shaft - 1-1/2" x 18" Shaft - 1-1/2" x 40" Shaft - 1-3/4" x 40"	1	1	1
3	10CW1	Copper Washer	1	1	1
4	25FP1	Filler Plate	2	2	2
5	25CU1	Cup	2	2	2
6	25BP1	Back-up Plate	1	1	1
7	10SW1	Star Washer (not required with locking nut)	*	*	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*	*	*
9	25HP7 25HP8	Head Plate Head Plate	1	1	1
10	10OR1	O-Ring	1	1	1
11	10RS1 10RS3	Rod Seal Rod Seal	1	1	1
12	10WS1 10WS3	Wiper Seal Wiper Seal	1	1	1
13	25HN1 10GN1 10SS1 10EL1	Head Nut 1/4" - 28 Grease Fitting Set Screw (for head nut) Elbow (on tube assembly)	1 2 1 1	1 2 1 1	1 2 1 1

HYDRAULIC SYSTEM - N4 CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			143
1	30TU12	Tube Assembly - 3" x 40"	1
2	10SH11	Shaft - 1-3/4" x 40"	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 (not required with locking nut)	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*
9	30HP8	Head Plate	1
10	10OR3	O-Ring	1
11	10RS3	Rod Seal	1
12	10WS3	Wiper Seal	1
13	10GN1 10EL1	1/4" - 28 Grease Fitting Elbow (on tube assembly)	2 1

* AS REQUIRED

MODEL 90 LOADER



HYDRAULIC SYSTEM - N5 CYLINDER

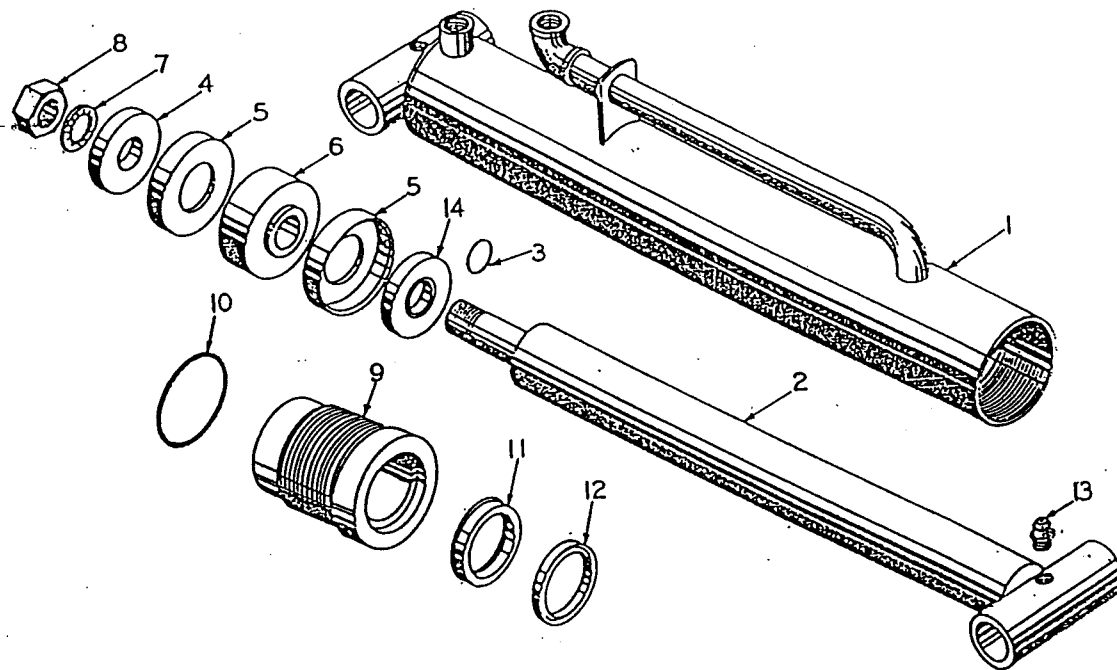
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			156	159
1	20TU26	Tube Assembly - 2" x 18"	1	1
2	20TU27	Tube Assembly - 2" x 40"		1
3	10SH3	Shaft - 1-1/2" x 18"	1	
4	10SH5	Shaft - 1-1/2" x 40"		1
5	10OW1	Copper Washer	1	1
6	20FP1	Filler Plate	2	2
7	20CU1	Cup	2	2
8	20BP1	Back-up Plate	1	1
9	10SW1	Star Washer (not required with locking nut)	*	*
10	10NU1	3/4" N.F. Nut	*	*
11	10NU5	3/4" N.F. Locking Nut	*	*
12	20HP5	Head Plate	1	1
13	10OR4	O-ring	1	1
14	10RS1	Rod Seal	1	1
15	10WS1	Wiper Seal	1	1
16	10GN1	1/4" - 28 Grease Fitting	2	2
17	10EL1	Elbow (on tube assembly)	1	1

HYDRAULIC SYSTEM - N5 CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			164
1	20TU26	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring	1
4	20FP1	Filler Plate	1
5	20CU1	Cup	2
6	20BP1	Back-up Plate	1
7	10SW1	Star Washer (not required with locking nut)	*
8	10NU1	3/4" N.F. Nut	*
9	10NU5	3/4" N.F. Locking Nut	*
10	20HP8	Head Plate	1
11	10OR4	O-Ring	1
12	10RS5	Rod Seal	1
13	10WS5	Wiper Seal	1
14	10GN1	1/4" - 28 Grease Fitting	2
15	20FP2	Filler Plate	1
16	10EL1	Elbow (on tube assembly)	1

* AS REQUIRED

MODEL 90 LOADER



HYDRAULIC SYSTEM - N6 CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			222	224
1	25TU37 25TU39	Tube Assembly - 2"-1/2 x 18" Tube Assembly - 2"-1/2 x 40"	1	1
2	10SH3 10SH5	Shaft - 1-1/2" x 18" Shaft - 1-1/2" x 40"	1	1
3	10OR9	O-Ring	1	1
4	25FP1	Filler Plate	1	1
5	25CU1	Cup	2	2
6	25BP1	Back-up Plate	1	1
7	10SW1	Star Washer (not required with locking nut)	*	*
8	10NU1 10NU5	3/4" N.F. Nut 3/4" N.F. Locking Nut	*	*
9	20HP10	Head Plate	1	1
10	10OR20	O-ring	1	1
11	10RS1	Rod Seal	1	1
12	10WS1	Wiper Seal	1	1
13	10GN1 25FP2 10EL1	1/4" - 28 Grease Fitting Filler Plate Elbow (on tube assembly)	2 1 1	2 1 1

* AS REQUIRED

MODEL 90 LOADER CYLINDER REPAIR SEAL KIT CODES

CODE	20 = 2" bore
	25 = 2-1/2" bore
	30 = 3" bore
PART NO.	2515N3
	N3 = outside nut type
	N4 = threaded head type
	N5 = threaded head type
	N6 = threaded head type
	12 = 1-1/4" shaft
	15 = 1-1/2" shaft
	17 = 1-3/4" shaft

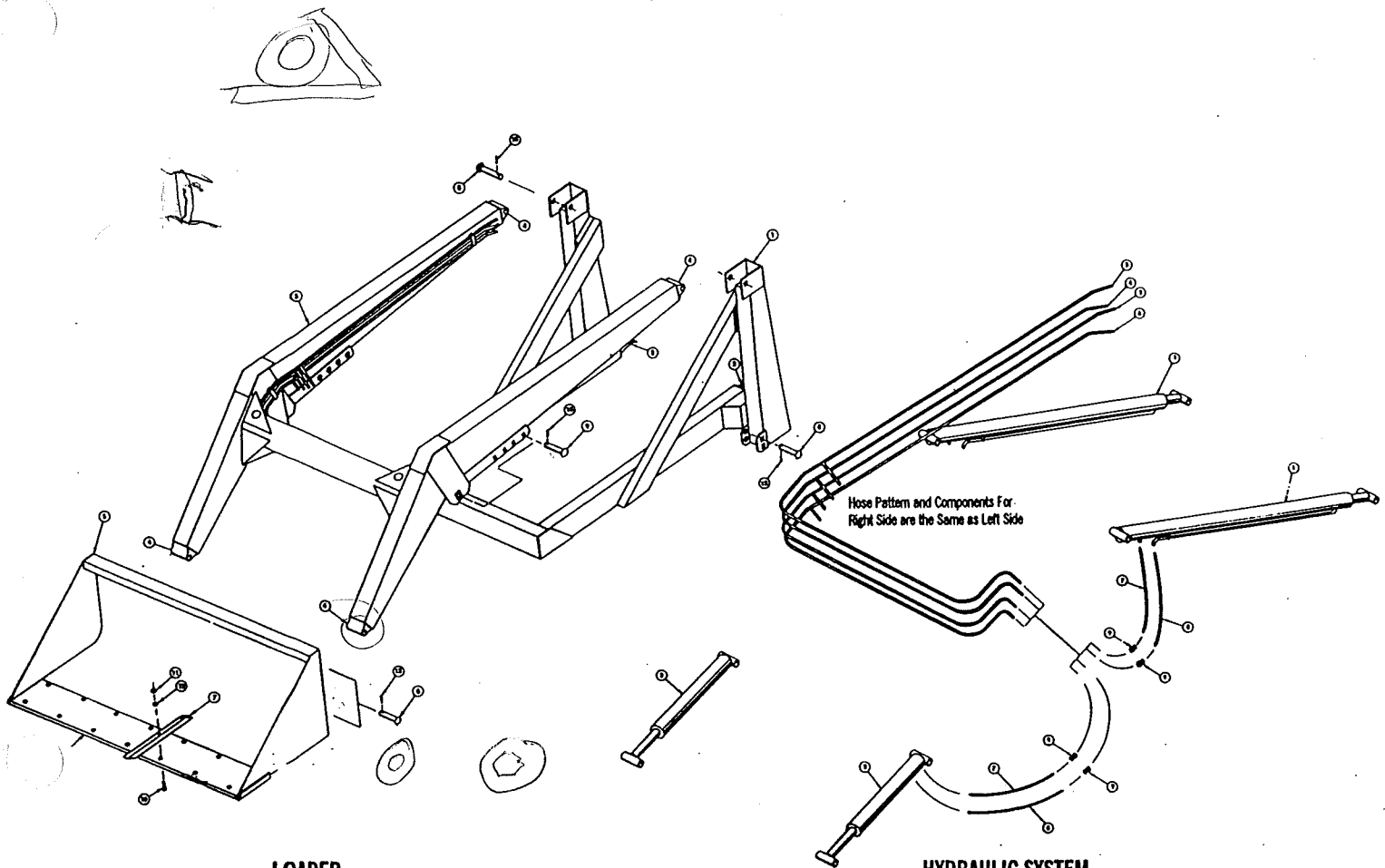
CYLINDER SEAL KITS

KIT NO.	CONTENTS	FITS CYLINDER CODE
2515N3	2 - 25CU1 Cups 1 - 10OR1 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	121, 129
2517N3	2 - 25CU1 Cups 1 - 10OR1 O-Ring 1 - 10OR3 Rod Seal 1 - 10WS3 Wiper Seal	132
3017N4	2 - 30CU1 Cups 1 - 10OR3 O-Ring 1 - 10RS3 Rod Seal 1 - 10WS3 Wiper Seal	143
2015N5	2 - 20CU1 Cups 1 - 10OR4 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	156, 159
2012N5	2 - 20CU1 Cups 1 - 10OR9 O-Ring 1 - 10OR4 O-Ring 1 - 10RS5 Rod Seal 1 - 10WS5 Wiper Seal	164
2515N6	2 - 25CU1 Cups 1 - 10OR9 O-Ring 1 - 10OR20 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	222, 224

MODEL 90 CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C- C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
121	2-1/2"	18"	26-1/2"	1-1/2"	N3	BUCKET
129	2-1/2"	40"	48-1/2"	1-1/2"	N3	UFT
132	2-1/2"	40"	48-1/2"	1-3/4"	N3	UFT
143	3"	40"	48-1/2"	1-3/4"	N4	UFT
156	2"	18"	26-1/2"	1-1/2"	N5	BUCKET
159	2"	40"	48-1/2"	1-1/2"	N5	UFT
164	2"	18"	26-1/2"	1-1/4"	N5	BUCKET
222	2-1/2"	18"	26-1/2"	1-1/2"	N6	BUCKET
224	2-1/2"	40"	48-1/2"	1-1/2"	N6	UFT

MODEL 100 LOADER



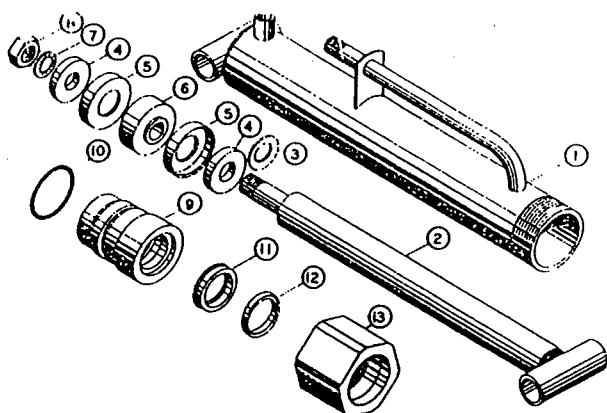
LOADER

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB5 LB7	Standard yoke assembly c/w 4 Pins (ref. no. 8) 4 Wheel drive yoke assembly c/w 4 Pins (ref. no. 8)	1 1
2	L30	Jaw assembly (weld-on)	2
3	LB1	Main frame assembly c/w Pins (ref. no. 9)	1
4	L10	Cast hinge block (weld-on)	4
5	LB11 LB12 LB13 LB114	60" Bucket c/w 4 Pins (ref. no. 8) 72" Bucket c/w 4 Pins (ref. no. 8) 84" Bucket c/w 4 Pins (ref. no. 8) 96" Bucket c/w 4 Pins (ref. no. 8)	1 1 1 1
Back of Bucket	LB55 LB56	Square hole bucket attaching lug (weld-on) Round hole bucket attaching lug (weld-on)	2 2
6	L41 L42 L43 L1638	60" Bucket blade (weld-on) 72" Bucket blade (weld-on) 84" Bucket blade (weld-on) 96" Bucket blade (weld-on)	1 1 1 1
7	L51 L52	Bucket tooth - Short Bucket tooth - Long	7-8 10-11 7-8 10-11
8	L1	1" x 5-1/2" Carriage head pin	8
9	L2	1" x 5-1/8" Carriage head pin	4
10	L57	7/16" x 2-1/4" N.C. Carriage head bolt	14-16 20-22
		7/16" N.C. Hex nut	14-16 20-22
12		7/16" Lockwasher	14-16 20-22
13	10GN1	1/4" x 1-1/2" Cotter pin 1/4" - 28 Grease fitting	12 4

HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1814	Bottom 4 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
4	L1813	Bottom 3 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
5	L1812	Bottom 2 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
6	L1811	Bottom 1 Hydraulic Oil Line c/w Coupler (ref. no. 10)	1
7	H17	3/8" x 17" Hydraulic Hose	4
8	H19	3/8" x 19" Hydraulic Hose	4
9	L29	3/8" Female Swivel Adapter	8

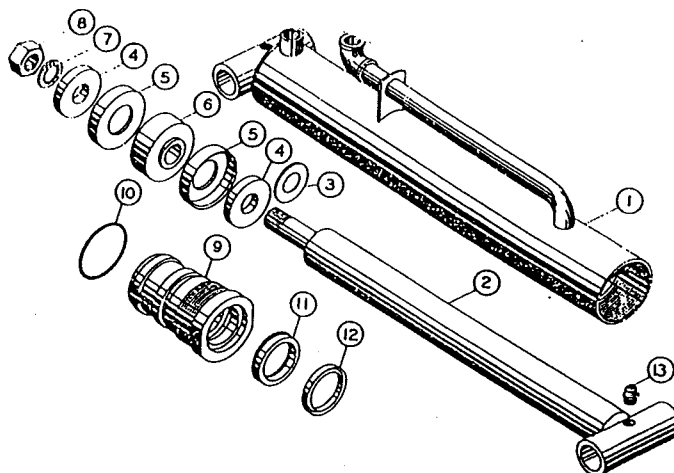
MODEL 100 LOADER



HYDRAULIC CYLINDER - N3 TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			122	130
1	25TU31 25TU32	Tube Assembly - 2-1/2" x 18" Tube Assembly - 2-1/2" x 40"	1	1
2	10SH4 10SH12	Shaft - 1-1/2" x 18" Shaft - 1-3/4" x 40"	1	1
3	10CW1	Copper Washer	1	1
4	25FP1	Filler Plate	2	2
5	25CU1	2-1/2" Cup	2	2
6	25BP1	Back-up Plate	1	1
7	10SW1	Star Washer	1	1
8	10NU1	3/4" N.F. Nut	1	1
9	25HP7 25HP8	Head Plate Head Plate	1	1
10	10OR1	O-Ring	1	1
11	10RS1 10RS3	Rod Seal Rod Seal	1	1
12	10WS1 10WS3	Wiper Seal Wiper Seal	1	1
13	25HN1 10GN1 10SS1 10EL1	Head Nut 1/4" - 28 Grease Fitting Set Screw (for head nut) Elbow (on tube assembly)	1 2 1 1	1 2 1 1

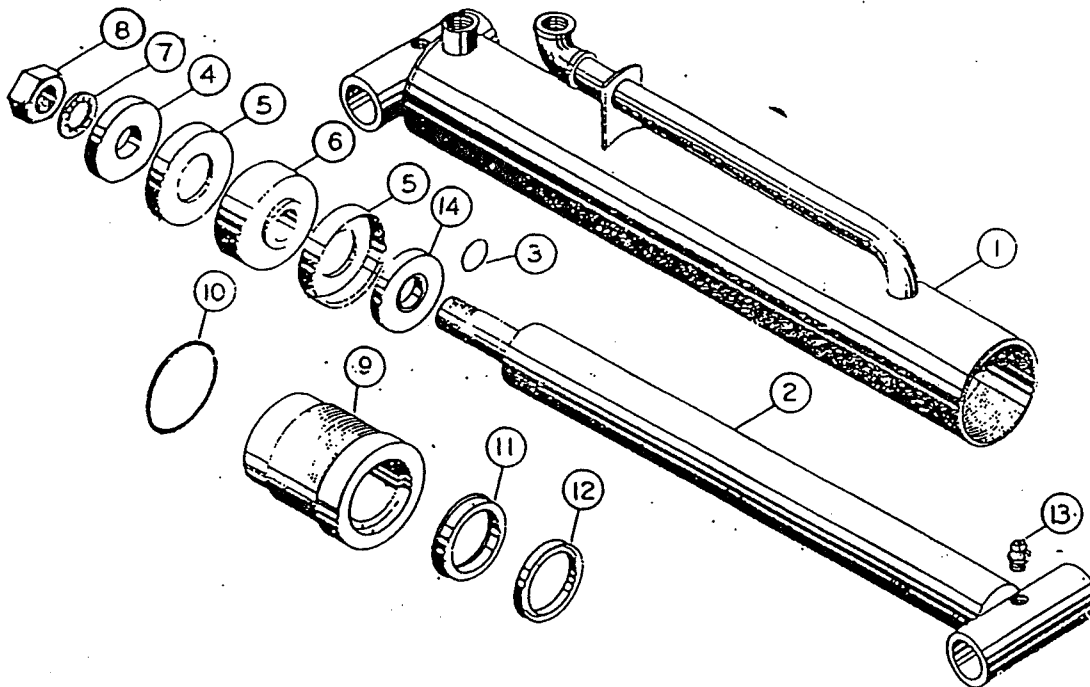
* AS REQUIRED



HYDRAULIC CYLINDER - N4 TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			139
1	30TU12	Tube Assembly - 3" x 40"	1
2	10SH12	Shaft - 1-3/4" x 40"	1
3	10CW1	Copper Washer	1
4	30FP1	Filler Plate	2
5	30CU1	3" Cup	2
6	30BP1	Back-up Plate	1
7	10SW1	Star Washer	1
8	10NU1	3/4" N.F. Nut	1
9	30HP8	Head Plate	1
10	10OR3	O-Ring	1
11	10RS3	Rod Seal	1
12	10WS3	Wiper Seal	1
13	10GN1 10EL1	Grease Nipple Elbow (on tube assembly)	2 1

MODEL 100 LOADER

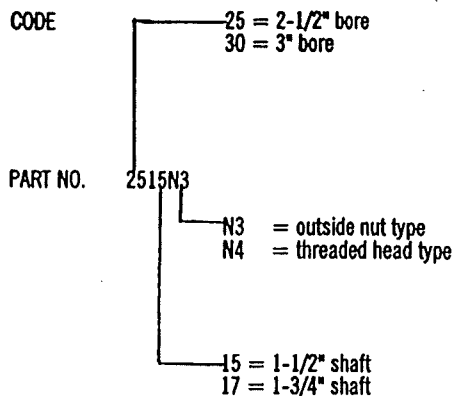


HYDRAULIC CYLINDER N6 TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			221
1	25TU38	Tube Assembly - 2-1/2" x 18"	1
2	10SH4	Shaft - 1-1/2" x 18"	1
3	10OR9	O-Ring	1
4	25FP1	Filler Plate	1
5	25CU1	Cup	2
6	25BP1	Back-up Plate	1
7	10SW1	Star Washer	1
8	10NU1	3/4" N.F. Nut	1
9	25HP10	Head Plate	1
10	10OR20	O-Ring	1
11	10RS1	Rod Seal	1
12	10WS1	Wiper Seal	1
13	10GN1	Grease Nipple	2
14	25FP2	Filler Plate	1
	10EL1	Elbow (on tube assembly)	

Use Seal Kit Number 2515N6 on Cylinder No. 221

MODEL 100 LOADER CYLINDER REPAIR SEAL KIT CODES



CYLINDER SEAL KITS

KIT NO.	CONTENTS	FITS CYLINDER CODE
2515N3	2 - 25CU1 Cups 1 - 100R1 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	122
2517N3	2 - 25CU1 Cups 1 - 100R1 O-Ring 1 - 100R3 Rod Seal 1 - 10WS3 Wiper Seal	130
3017N4	2 - 30CU1 Cups 1 - 100R3 O-Ring 1 - 10RS3 Rod Seal 1 - 10WS3 Wiper Seal	139

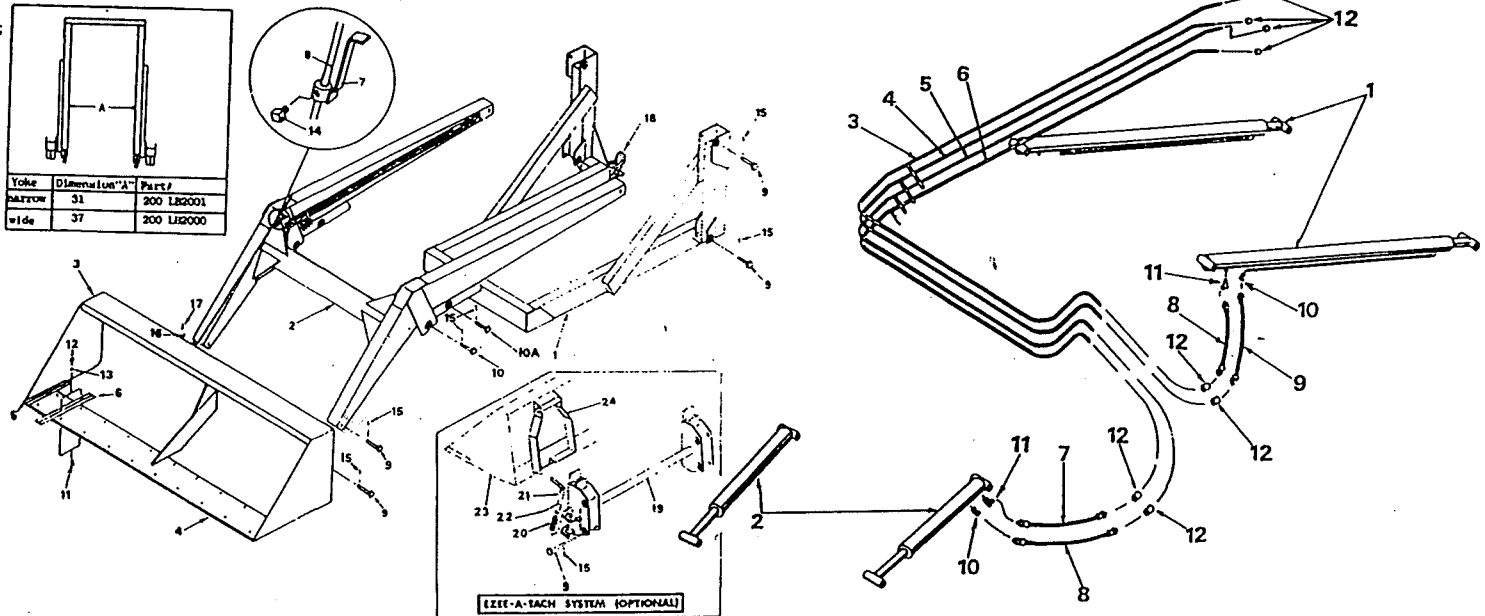
MODEL 100 CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C- C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
122	2-1/2"	18"	26-1/2"	1-1/2"	N3	BUCKET
130	2-1/2"	40"	48-1/2"	1-3/4"	N3	LIFT
139	3"	40"	48-1/2"	1-3/4"	N4	LIFT

MODEL 101 LOADER

PIN ILLUSTRATION REF. NO. 9 & 10	HEAD TYPE	APPLICATION
	CARRIAGE	MOST LOADERS USE ONE TYPE OF PIN THROUGHOUT LOADER. SOME LOADERS USE 2 TYPES OF PINS.
	HEX.	

NOTE: HOSE PATTERN AND COMPONENTS FOR THE
RIGHT SIDE ARE THE SAME AS THE LEFT SIDE



H-FRAME, YOKE AND BUCKET

HYDRAULIC SYSTEM
(for Models with Serial No. prior to 31642)

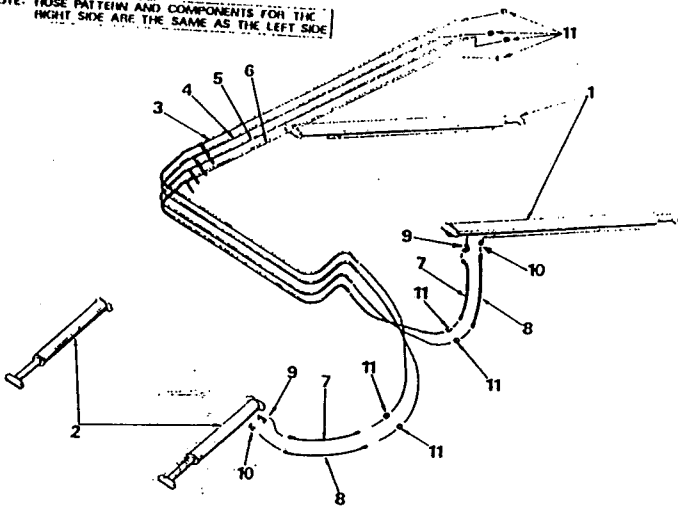
REF.	PART NO.	DESCRIPTION	QTY. REQ'D
	LB2000	Yoke Assembly - Wide Yoke c/w Pins	*
	LB2001	Yoke Assembly - Narrow Yoke c/w Pins	*
2	LB2025	Main Frame c/w Pins	1
3	LB2040	72" Bucket c/w four (4) Pins	1
	LB2050	84" Bucket c/w four (4) Pins	1
	LB2055	96" Bucket c/w four (4) Pins	1
Back of Bucket	L2060	Round Hole Bucket Attaching Lug (Weld-On)	2
4	L2061	Square Hole Bucket Attaching Lug (Weld-On)	2
	L42	72" Bucket Blade (Weld-On)	1
	L43	84" Bucket Blade (Weld-On)	1
	L1638	96" Bucket Blade (Weld-On)	1
5	L1680	Bucket Tooth Corner - used when #L51 Standard Teeth are used	2
	L51	Bucket Tooth Corner - used when #L52 Extra Long Teeth are used	2
6	L51	Bucket Tooth (Standard)	6-7-9
	L52	Bucket Tooth (Extra Long)	6-7-9
7	LA2279	Bucket Dump Guide Indicator	1
8	L2070	Bucket Dump Guide Rod	1
9	L1	1" x 5-1/2" Carriage Head Pin	8
10	L2	1" x 5-1/8" Carriage Head Pin	4
11	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt	16-18-22
12		7/16" N.C. Hex Bolt	16-18-22
13		7/16" Lockwasher	16-18-22
14		3/8" x 1/2" N.C. Set Screw	1
15		1/4" x 1-1/2" Cotter Pin	12
16	10GN1	1/4" x 28 Grease Fitting	12
17		3/8" Flatwasher	1
18		5/32" x 3/4" Cotter Pin	1
	L30	Jaw (Weld-on) (Narrow Yoke)	2
	L1640	Jaw (Weld-On) (Wide Yoke)	2
19	LB2503	Ezee-A-Tach Frame c/w four (4) Pins c/w Spring-loaded Pins	1
20	L2510	Spring	2
21	LB2507	Locking Pin	2
	L2511	Roll Pin	2
	LA2533	72" Ezee-A-Tach Bucket	1
	LA2534	84" Ezee-A-Tach Bucket	1
	LA2535	96" Ezee-A-Tach Bucket	1
24	LA2508	R.H.S. Ezee-A-Tach Bracket	1
	LA2509	L.H.S. Ezee-A-Tach Bracket	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	130, 139	Lift Cylinder - See Cylinder Parts List Instructions	2
2	221	Bucket Cylinder - See Cylinder Parts List Instructions	*
3	L14	Bottom 1 Hydraulic Oil Line	1
4	L13	Bottom 2 Hydraulic Oil Line	1
5	L12	Bottom 3 Hydraulic Oil Line	1
6	L11	Bottom 4 Hydraulic Oil Line	1
7	H17	3/8" x 17" Hydraulic Hose	
8	H19	3/8" x 19" Hydraulic Hose	4
9	DL29	3/8" Female Swivel Adapter	8
10	L1618	3/8" x 90 degree Street Elbow	4
11	DL5280	3/8" Coupler	8

* AS REQUIRED

MODEL 101 LOADER

NOTE: HOSE PATTERN AND COMPONENTS FOR THE RIGHT SIDE ARE THE SAME AS THE LEFT SIDE

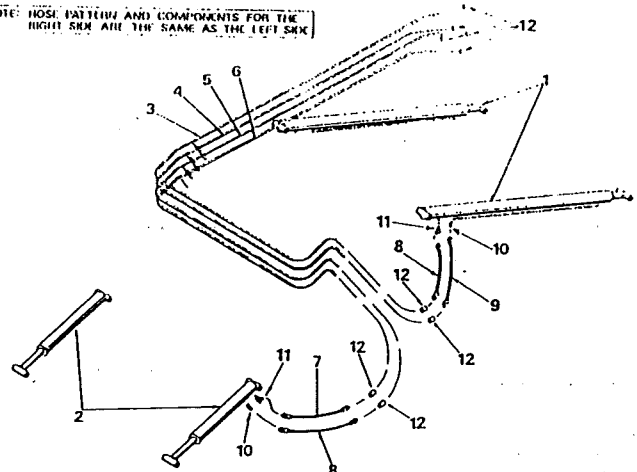


HYDRAULIC SYSTEM

(For Models with Serial No. Between 31642 and 32913)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	130, 139	Lift Cylinder - See Cylinder Parts List Instructions	2
2	221	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L14	Bottom 1 Hydraulic Oil Line	1
4	L13	Bottom 2 Hydraulic Oil Line	1
5	L12	Bottom 3 Hydraulic Oil Line	1
6	L11	Bottom 4 Hydraulic Oil Line	1
7	H17	3/8" x 17" Hydraulic Hose	4
8	H19	3/8" x 19" Hydraulic Hose	4
9	DL9769	3/8" x 90 degree Swivel Street Elbow	4
10	L29	3/8" Female-Female Swivel Adapter	4
11	DL5280	3/8" Coupler	12

NOTE: HOSE PATTERN AND COMPONENTS FOR THE RIGHT SIDE ARE THE SAME AS THE LEFT SIDE

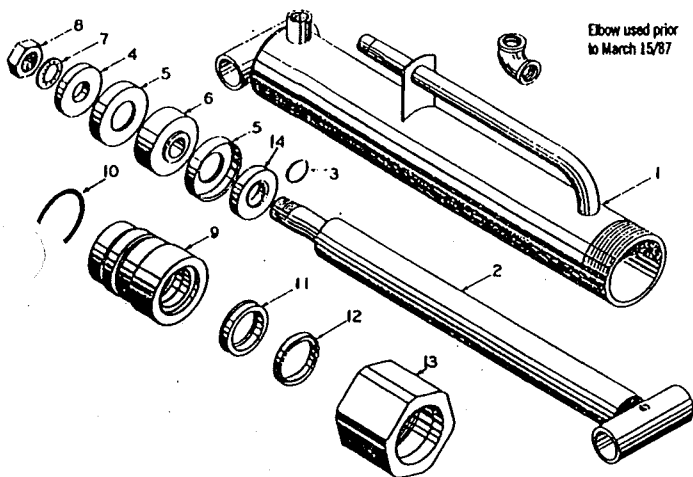


HYDRAULIC SYSTEM

(for Models with Serial No. 32913 and after)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	262, 263	Lift Cylinder - See Cylinder Parts List Instructions	2
2	261	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L14	Bottom 1 Hydraulic Oil Line	1
4	L13	Bottom 2 Hydraulic Oil Line	1
5	L12	Bottom 3 Hydraulic Oil Line	1
6	L11	Bottom 4 Hydraulic Oil Line	1
7	L2902	3/8" x 19" Hydraulic Hose	2
8	L2932	3/8" x 20" Hydraulic Hose	4
9	L2933	3/8" x 21" Hydraulic Hose	2
10	L29	3/8" Female-Female Swivel Adapter	4
11	DL9769	3/8" x 90 degree Swivel Street Elbow	4
12	DL5280	3/8" Coupler	12

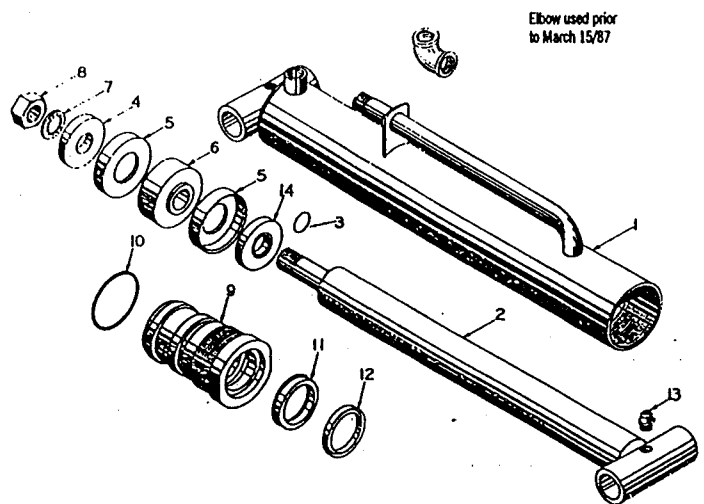
MODEL 101 LOADER



HYDRAULIC CYLINDER - H3 TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			130
1	25TU32	Tube Assembly - 2-1/2" x 40"	1
2	10SH12	Shaft - 1-3/4" x 40"	1
3	10OR9	O-Ring	1
4	25FP1	Filler Plate	1
5	25CU1	Cup	2
6	25BP1	Back-up Plate	1
7	10SW1	Star Washer (not required with locking nut)	*
8	10NU1	3/4" N.F. Nut	*
	10NU5	3/4" N.F. Locking Nut	*
9	25HP8	Head Plate	1
10	10OR1	O-Ring	1
11	10PS3	Rod Seal	1
12	10WS3	Wiper Seal	1
13	10HN1	Head Nut	1
	25FP2	Filler Plate w/Machined O-Ring Seat	1
	10GN1	1/4" - 28 Grease Fitting	1
	10GN2	1/4" - 28 - 45 degree Grease Fitting	1
	10SS1	Set Screw (for head nut)	1

* AS REQUIRED

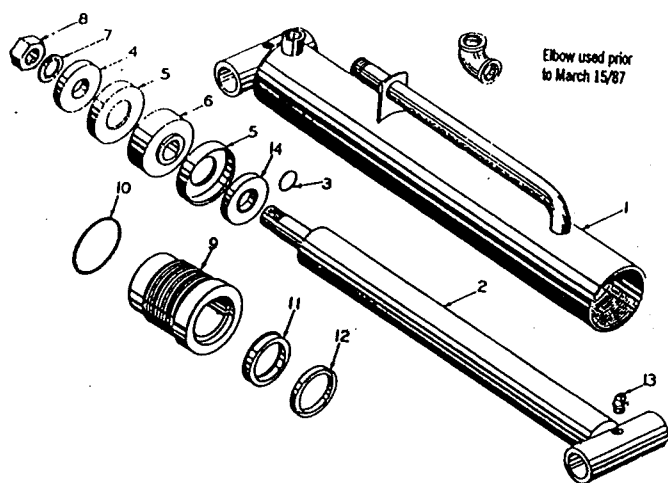


HYDRAULIC CYLINDER - H4 TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			139
1	30TU12	Tube Assembly - 3" x 40"	1
2	10SH12	Shaft - 1-3/4" x 40"	1
3	10OR9	O-Ring	1
4	30FP1	Filler Plate	1
5	30CU1	Cup	2
6	30BP1	Back-up Plate	1
7	10SW1	Star Washer (not required with locking nut)	*
8	10NU1	3/4" N.F. Nut	*
	10NU5	3/4" N.F. Locking Nut	*
9	30HP8	Head Plate	1
10	10OR3	O-Ring	1
11	10RS3	Rod Seal	1
12	10WS3	Wiper Seal	1
13	10GN1	1/4" - 28 Grease Fitting	1
	10GN2	1/4" - 28 - 45 degree Grease Fitting	1
14	30FP2	Filler Plate w/Machined O-Ring Seat	1

* AS REQUIRED

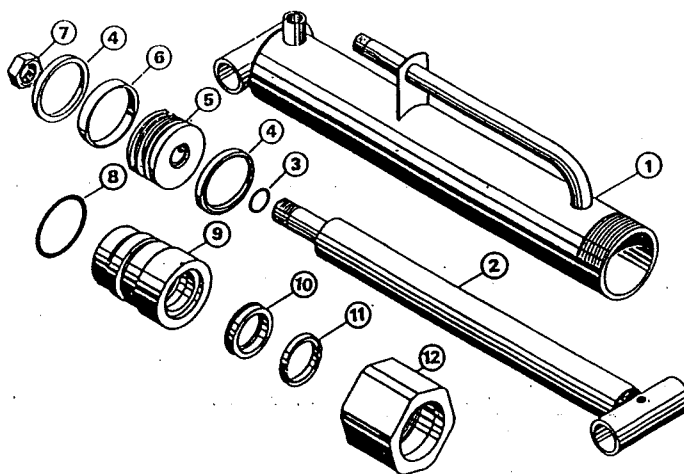
MODEL 101 LOADER



HYDRAULIC CYLINDER - N6 TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			221
1	25TU38	Tube Assembly - 2-1/2" x 18"	1
2	10SH4	Shaft - 1-1/2" x 18"	1
3	10OR9	O-Ring	1
4	25FP1	Filler Plate	1
5	25CU1	Cup	2
6	25BP1	Back-up Plate	1
7	10SW1	Star Washer (not required with locking nut)	*
8	10NU1	3/4" N.F. Nut	*
	10NU5	3/4" N.F. Locking Nut	*
9	25HP10	Head Plate	1
10	10OR1	O-Ring	1
11	10RS1	Rod Seal	1
12	10WS1	Wiper Seal	1
13	10GN1	1/4" - 28 Grease Fitting	1
	10GN2	1/4" - 28 - 45 degree Grease Fitting	1
14	25FP2	Filler Plate w/Machined O-Ring Seat	1

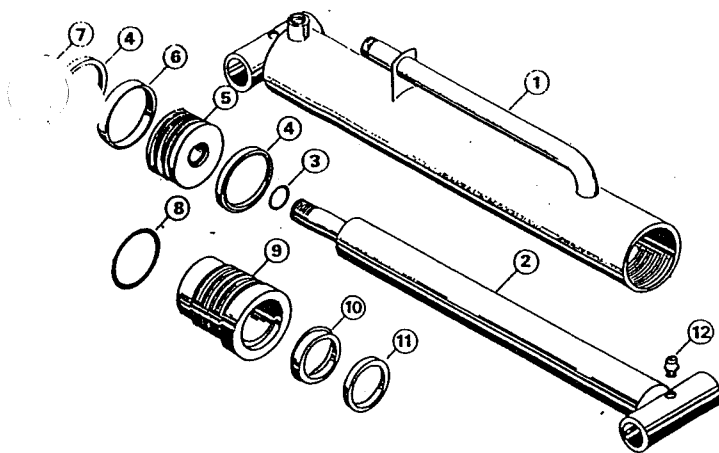
* AS REQUIRED



HYDRAULIC CYLINDER - N3 TYPE DOUBLE "U" CUP PISTON

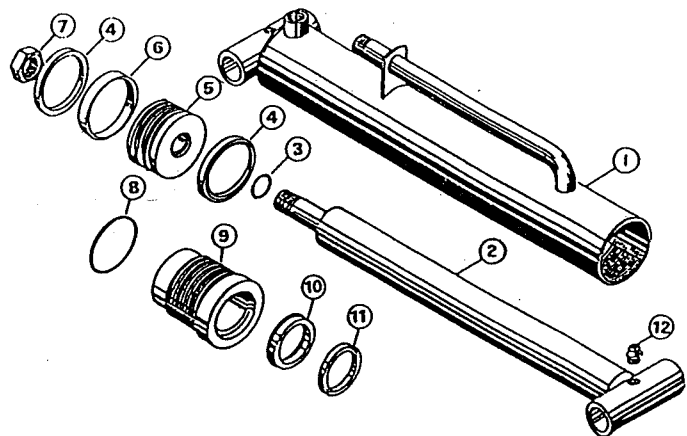
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			221
1	25TU32	Tube Assembly - 2-1/2" x 40"	1
2	10SH12	Shaft - 1-3/4" x 40"	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	1
4	25CU2	U-Cups - 2-1/2" O.D. x 2" I.D. x 3/8"	2
5	25PB1	Piston - 2-1/2" O.D. x 3/4" I.D.	1
6	25WR1	Wear Ring - 2-1/2" O.D. x 2-1/4" I.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	10OR1	O-Ring 2-1/2" O.D. x 2-1/4" I.D.	1
9	25HP8	Head Plate - 2-1/2" O.D. x 1-3/4" I.D.	1
10	10RS3	Rod Seal - 2-1/8" O.D. x 1-3/4" I.D.	1
11	10WS3	Wiper Seal - 2-1/8" O.D. x 1-3/4" I.D.	1
12	25HN1	Head Nut	1
	10GN1	1/4" - 28 Grease Fitting	1
	10GN2	1/4" - 28 - 45 degree Grease Fitting	1
	10SS1	Set Screw (for head nut)	1

MODEL 101 LOADER



**HYDRAULIC CYLINDER
N4 TYPE DOUBLE "U" CUP PISTON**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			263
1	30TU12	Tube Assembly - 3" x 40"	1
2	10SH12	Shaft - 1-3/4" x 40"	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB3	Piston - 3" O.D. x 3/4" I.D.	1
6	30WR1	Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	1
	30HP8	Head Plate - 3" O.D. x 1-3/4" I.D.	1
	10RS3	Rod Seal - 1-3/4" I.D. x 2-1/8" O.D. x 3/8"	1
	10WS3	Wiper Seal - 1-3/4" I.D. x 2-1/8" O.D. x 3/16"	1
12	10GN1	1/4" - 28 Grease Fitting	1
	10GN2	1/4" - 28 - 45 degree Grease Fitting	1



**HYDRAULIC CYLINDER
N6 TYPE DOUBLE "U" CUP PISTON**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			261
1	25TU38	Tube Assembly - 2-1/2" x 18"	1
2	10SH4	Shaft - 1-1/2" x 18"	1
3	10OR9	O-Ring - 3/4" I.D. x 2-1/2" O.D.	1
4	25CU2	U-Cups 2" I.D. x 2-1/2" O.D. x 3/8"	2
5	25PB1	Piston - 3/4" I.D. x 2-1/2" O.D.	1
6	25WR1	Wear Ring - 2-1/4" I.D. x 2-1/2" O.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	10OR20	O-Ring - 2-1/8" I.D. x 2-1/2" O.D.	1
9	25HP10	Head Plate - 1-1/2" I.D. x 2-1/2" O.D.	1
10	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
11	10WS1	Wiper Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/16"	1
12	10GN1	1/4" - 28 Grease Fitting	1
	10GN2	1/4" - 28 - 45 degree Grease Fitting	1

MODEL 101 LOADER CYLINDER REPAIR SEAL KIT CODES

CODE 25 = 2-1/2" bore
 30 = 3" bore

PART NO. 2515N6

N3 = outside nut type
N4 = threaded head type
N6 = threaded head type

15 = 1-1/2" shaft
17 = 1-3/4" shaft

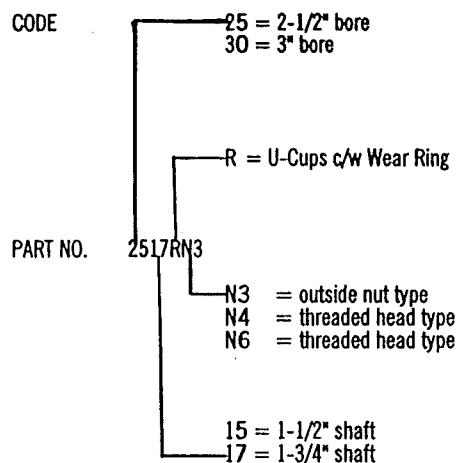
CYLINDER SEAL KITS

KIT NO.	CONTENTS	FITS CYLINDER CODE
2515N6	2 - 25CU1 Cups 1 - 100R20 O-Ring 1 - 100R1 Rod Seal 1 - 10WS1 Wiper Seal 1 - 100R9 O-Ring	221
2517N3	2 - 25CU1 Cups 1 - 100R1 O-Ring 1 - 10RS3 Rod Seal 1 - 10WS3 Wiper Seal 1 - 100R9 O-Ring	130
3017N4	2 - 30CU1 Cups 1 - 100R3 O-Ring 1 - 10RS3 Rod Seal 1 - 10WS3 Wiper Seal 1 - 100R9 O-Ring	139

MODEL 101 CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C-C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
221	2-1/2"	18"	26-1/2"	1-1/2"	A-CUP-N6	BUCKET
130	2-1/2"	40"	48-1/2"	1-3/4"	A-CUP-N3	LIFT
139	3"	40"	48-1/2"	1-3/4"	A-CUP-N4	LIFT
261	2-1/2"	18"	26-1/2"	1-1/2"	U-CUP-W/R-N6	BUCKET
262	2-1/2"	40"	48-1/2"	1-3/4"	U-CUP-W/R-N3	LIFT
263	3"	40"	48-1/2"	1-3/4"	U-CUP-W/R-N4	LIFT

MODEL 101 LOADER CYLINDER REPAIR SEAL KIT CODES



CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2517RN3	2 - 25CU2	U-Cups (2" I.D. x 2-1/2" O.D. x 3/8")		262
	1 - 100R1	O-Ring (2-1/4" I.D. x 2-1/2" O.D.)		
	1 - 10RS3	Rod Seal (1-3/4" I.D. x 2-1/8" O.D. x 3/8")		
	1 - 10WS3	Wiper Seal (1-3/4" I.D. x 2-1/8" O.D. x 3/16")		
	1 - 100R9	O-Ring (3/4" I.D. x 7/8" O.D.)		
	1 - 25WR1	Wear Ring (2-1/4" I.D. x 2-1/2" O.D. x 3/8")		
3017RN4	2 - 30CU2	U-Cups (2-1/2" I.D. x 3" O.D. x 3/8")		263
	1 - 100R3	O-Ring (2-5/8" I.D. x 3" O.D.)		
	1 - 10RS3	Rod Seal (1-3/4" I.D. x 2-1/8" O.D. x 3/8")		
	1 - 10WS3	Wiper Seal (1-3/4" I.D. x 2-1/8" O.D. x 3/16")		
	1 - 100R9	O-Ring (3/4" I.D. x 7/8" O.D.)		
	1 - 30WR1	Wear Ring (2-3/4" I.D. x 3" O.D. x 3/8")		
	1 - 100R21	O-Ring (1" I.D. x 1-1/8" O.D.)		
2515RN6	2 - 25CU2	U-Cups (2" I.D. x 2-1/2" O.D. x 3/8")		261
	1 - 100R20	O-Ring (2-1/8" I.D. x 2-1/2" O.D.)		
	1 - 10RS1	Rod Seal (1-1/2" I.D. x 1-7/8" O.D. x 3/8")		
	1 - 10WS1	Wiper Seal (1-1/2" I.D. x 1-7/8" O.D. x 3/16")		
	1 - 100R9	O-Ring (3/4" I.D. x 2-1/2" O.D. x 3/8")		

MODEL 101 CYLINDER SPECIFICATIONS

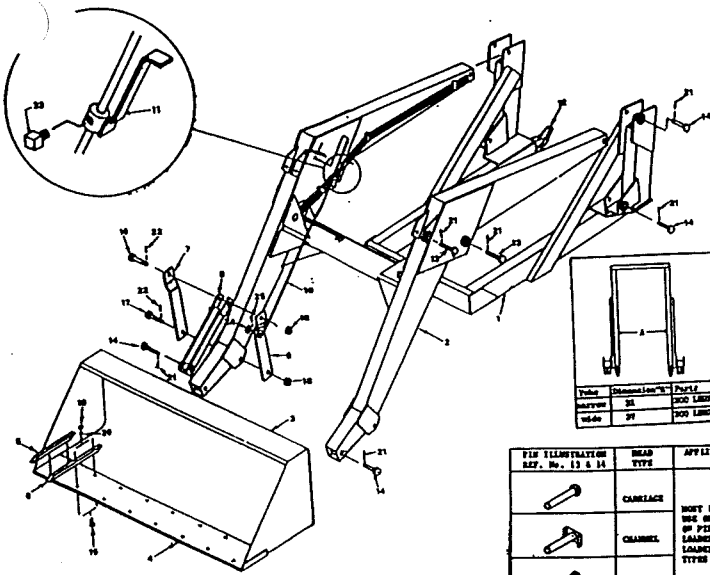
CODE NO.	DIAMETER	STROKE	C-C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
221	2-1/2"	18"	26-1/2"	1-1/2"	A-CUP-N6	BUCKET
130	2-1/2"	40"	48-1/2"	1-3/4"	A-CUP-N3	UFT
139	3"	40"	48-1/2"	1-3/4"	A-CUP-N4	UFT
261	2-1/2"	18"	26-1/2"	1-1/2"	U-CUP-W/R-N6	BUCKET
262	2-1/2"	40"	48-1/2"	1-3/4"	U-CUP-W/R-N3	UFT
263	3"	40"	48-1/2"	1-3/4"	U-CUP-W/R-N4	UFT

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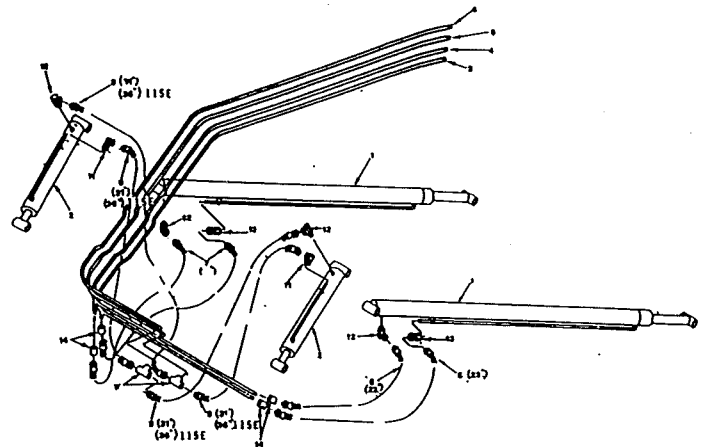
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MODEL 110 - 110E LOADER



LOADER

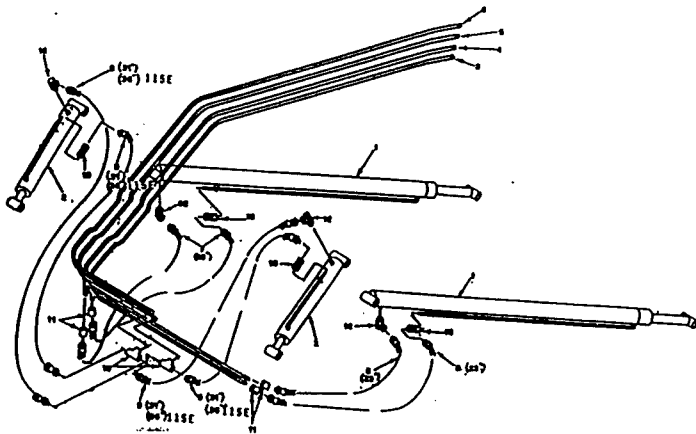
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2200	Yoke Assembly - Wide Yoke c/w Pins	1
	LB2201	Yoke Assembly - Narrow Yoke c/w Pins	1
	LB2225	Main Frame c/w Pins - Mode 110	1
	LB2228	Main Frame Extended Model c/w Pins - Mode 110E	1
3	LB2245	72" Bucket Assembly c/w 4 Pins	1
	LB2255	84" Bucket Assembly c/w 4 Pins	1
	LB2260	96" Bucket Assembly c/w 4 Pins	1
Back of Bucket	L2246	Round Hole Bucket Attaching Lug (Weld-On)	2
	L2247	Square Hole Bucket Attaching Lug (Weld-On)	2
4	L42	72" Bucket Blade (Weld-On)	1
	L43	84" Bucket Blade (Weld-On)	1
	L1638	96" Bucket Blade (Weld-On)	1
5	L1680	Bucket Tooth (Short)	2
6	L51	Bucket Tooth (Standard)	6-8-9
7	LA2270	Outside Pivot Arm	2
8	L2271	Inside Pivot Arm	2
9	LA2274	Bucket Push Arm	2
10	LA2278	Bucket Dump Guide Rod	1
11	LA2279	Bucket Dump Guide Indicator	1
12	L30	Jaw Assembly - Narrow Yoke (Weld-On)	*
	L1640	Jaw Assembly - Wide Yoke (Weld-On)	*
43 *	L2265	1" x 5-1/2" Hex Head Pin	*
	LA2267	1" x 6" Channel Head Pin	*
	L2	1" x 5-1/8" Carriage Head Pin	*
14	L2266	1" x 5-7/8" Hex Head Pin	*
	LA2268	1" x 6-1/4" Channel Head Pin	*
	L1	1" x 5-1/2" Carriage Head Pin	*
15	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt	16-20-22
16	L89	1" x 7" N.C. Hex Head Bolt (Drilled)	2
17	L2244	1" x 6-1/2" N.C. Hex Head Bolt (Drilled)	2
18	L1574	1" N.C. Slotted Hex Nut	4
19		7/16" N.C. Hex Nut	16-20-22
20		7/16" Lockwasher	16-20-22
		1/4" x 1-1/2" Cotter Pin	12
		3/16" x 1-1/2" Cotter Pin	4
		3/8" x 1/2" N.C. Set Screw	1
24		3/8" Flatwasher	1
25		5/32" x 3/4" Cotter Pin	1
	10GN1	1/4" - 28 Grease Fitting	12



HYDRAULIC SYSTEM (for Model with Serial No. prior to 31583)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	228, 229	Lift Cylinder - See Cylinder Parts List Instructions	2
2	226, 227	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L2465	Bottom 1 Hydraulic Oil Line	1
4	L2466	Bottom 2 Hydraulic Oil Line	1
5	L2467	Bottom 3 Hydraulic Oil Line	1
6	L2468	Bottom 4 Hydraulic Oil Line	2
7	H19	3/8" x 19" Hydraulic Hose	2
8	H23	3/8" x 23" Hydraulic Hose	2
9	H31	3/8" x 31" Hydraulic Hose	4
	H36	3/8" x 36" Hydraulic Hose (for 115E ONLY)	4
10	DL5282	3/8" x 3/8" x 3/8" Tee	2
11	DL5284	3/8" x 90 degree Swivel Elbow	2
12	DL9769	3/8" x 90 degree Swivel Street Elbow	4
13	DL29	3/8" Female Swivel Adapter	2
14	DL5280	3/8" Connector Union	4

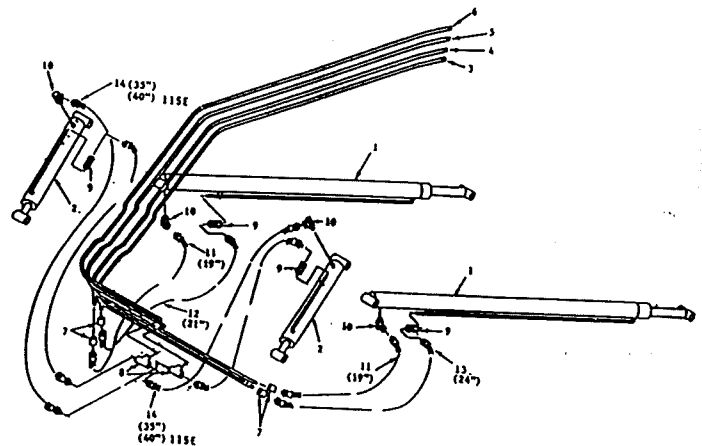
* AS REQUIRED



HYDRAULIC SYSTEMS

(for Models with Serial No. between 31583 and 32695)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	228, 229	Lift Cylinder - See Cylinder Parts List Instructions	2
2	226, 227, 245, 246	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L2465	Bottom 1 Hydraulic Oil Line	1
4	L2466	Bottom 2 Hydraulic Oil Line	1
5	L2467	Bottom 3 Hydraulic Oil Line	1
6	L2468	Bottom 4 Hydraulic Oil Line	1
7	H19	3/8" x 19" Hydraulic Hose	2
8	H23	3/8" x 23" Hydraulic Hose	2
9	H31	3/8" x 31" Hydraulic Hose	4
	H36	3/8" x 36" Hydraulic Hose (115 Extended Frame)	4
10	DL5282	3/8" x 3/8" x 3/8" Tee	2
11	DL5280	3/8" Connector Union	4
12	DL9769	3/8" x 90 degree Swivel Street Elbow	4
13	DL29	3/8" Female Swivel Adapter	4

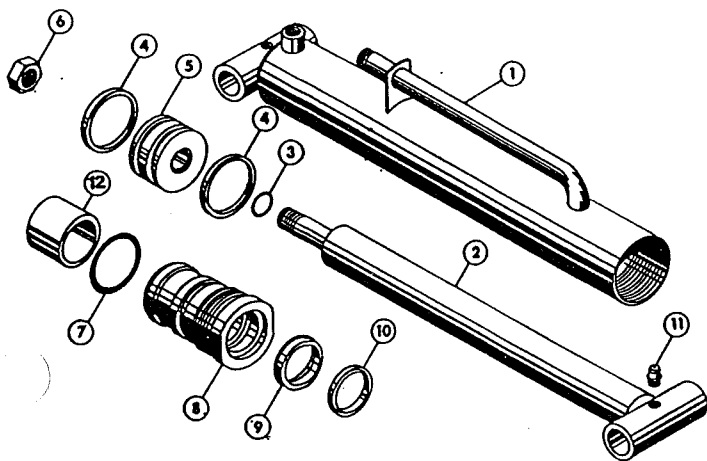


HYDRAULIC SYSTEMS

(for Models with Serial No. After 32695)

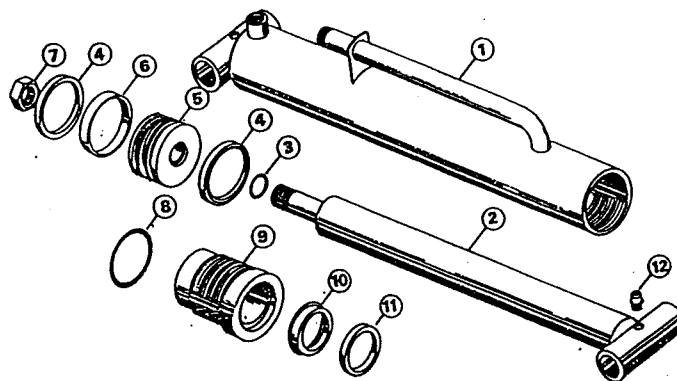
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	228, 229	Lift Cylinder - See Cylinder Parts List Instructions	2
2	226, 227, 245, 246	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L2465	Bottom 1 Hydraulic Oil Line	1
4	L2466	Bottom 2 Hydraulic Oil Line	1
5	L2467	Bottom 3 Hydraulic Oil Line	1
6	L2468	Bottom 4 Hydraulic Oil Line	2
7	DL5280	3/8" Connector Union	4
8	DL5282	3/8" x 3/8" x 3/8" Tee	2
9	DL29	3/8" Female Swivel Adapter	4
	DL9769	3/8" x 90 degree Swivel Street Elbow	4
10	L2902	3/8" x 19" Hydraulic Hose	2
11	L2933	3/8" x 21" Hydraulic Hose	1
12	L2939	3/8" x 24" Hydraulic Hose	1
13	L2935	3/8" x 35" Hydraulic Hose	4
14	L2909	3/8" x 40" Hydraulic Hose (115 Extended Frame)	4

MODEL 110 - 110E LOADER



BUCKET CYLINDER
N4 THREADED HEAD TYPE
DOUBLE "U" CUP PISTON - Less Wear Ring

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			234	235	246
1	30TU16	Tube Assembly - 3" x 24-1/2" (110-110E)	1		
	30TU17	Tube Assembly - 3" x 13-1/2" (115)		1	
	30TU20	Tube Assembly - 3" x 13-1/2" (115E)			1
2	10SH43	Shaft - 1-1/2" x 24-1/2"	1		
	10SH44	Shaft - 1-1/2" x 13-1/2" - (use shaft #10SH14 and cut cross tube from 3-3/4" to 3")		1	1
3	10OR21	1" I.D. x 1-1/8" O.D. O-Ring	1	1	1
4	30CU2	U-Cup	2	2	2
5	30PB1	Plunger Block	1	1	1
6	10NU4	1" N.F. Locking Nut	1	1	1
7	10OR3	2-5/8" I.D. x 3" O.D. O-Ring	1	1	1
8	30HP6	Head Plate	1	1	1
9	10RS1	Rod Seal	1	1	1
10	10WS1	Wiper Seal	1	1	1
11	10GN1	1/4" - 28 Grease Fitting	2	2	2
	10SP10	2" O.D. x 1-1/2" I.D. x 3-1/4" Spacer		1	1

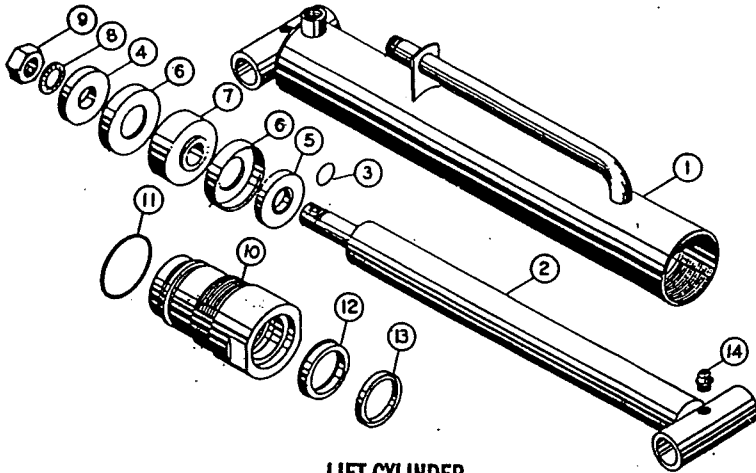


LIFT CYLINDER
N4 THREADED HEAD TYPE
DOUBLE U-CUP TYPE PISTON w/Wear Ring

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			229	219	251*
1	35TU9	Tube Assembly - 3-1/2" x 32"	1	-	-
	35TU18	Tube Assembly - 3" x 32" - 3-1/2" Cross Tube (order 30TU19 and cut down cross tube to 3-1/2")	-	1	-
	35TU19	Tube Assembly - 3" x 32" - 4" Cross Tube	-	1	1
2	10SH40	Shaft - 1-3/4" x 32"	1	1	1
3	10OR21	O-Ring - 1" I.D. x 1-1/8" O.D.	1	1	1
4	35CU2	U-Cup - 3-1/2" x 32"	2	-	-
	30CU2	U-Cup - 3" x 32"	-	2	2
5	35PB7	Plunger Block - 3-1/2" x 32"	1	-	-
	30PB2	Plunger Block - 3" x 32"	-	1	1
6	35WR1	Wear Ring - 3-1/2" x 32"	1	-	-
	30WR1	Wear Ring - 3" x 32"	-	1	1
7	10NU4	1" Locking Nut	1	1	1
8	10OR8	O-Ring - 3-1/8" x 3-1/2" O.D.	1	-	-
	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	-	1	1
9	35HP6	Head Plate	1	-	-
	30HP8	Head Plate	-	1	1
10	10RS3	Rod Seal	1	1	1
11	10WS3	Wiper Seal	1	1	1
12	10GN1	1/4" - 28 Grease Fitting	2	2	2

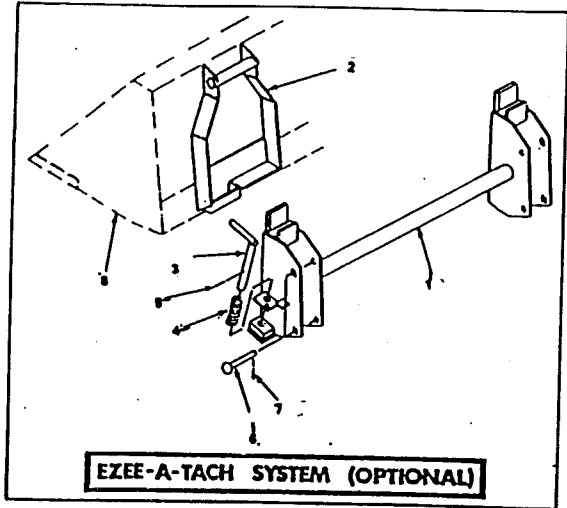
* Above 3" x 32" #251 Cylinders are used on Loaders with serial #32182 and higher

MODEL 110 - 110E LOADER



**LIFT CYLINDER
N4 THREADED HEAD TYPE
A - CUP PISTON**

(for Models with Serial No. prior to 32182)

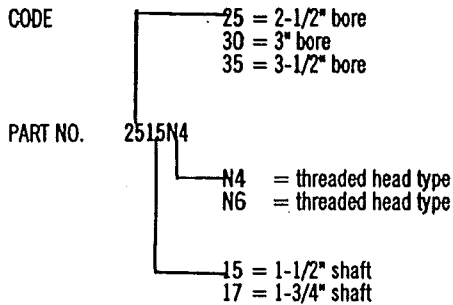


EZEE-A-TACH SYSTEM

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			228	218	230
1	30TU15	Tube Assembly - 3" x 32" - 3-1/2" Cross Tube (order 30TU19 and cut cross tube down to 3-1/2" plus order spacer 10WA2 to place between piston and head to obtain 32" stroke)	1	-	-
	30TU18	Tube Assembly - 3" x 32" - 3-1/2" Cross Tube (order 30TU19 and cut down cross tube to 3-1/2")	-	1	-
	30TU19	Tube Assembly - 3" x 32" - 4" Cross Tube	-	-	1
2	10SH39 10SH40	Shaft - 1-1/2" x 32" (w/3/4" Nut) Shaft - 1-3/4" x 32" (w/1" Nut)	1 -	- 1	- 1
3	10OR9 10OR13	3/4" I.D. x 7/8" O.D. O-Ring 1" I.D. x 1-1/4" O.D. O-Ring	1 -	- 1	- 1
4	30FP1 30FP2	Filler Plate - for 3/4" Threaded Shaft Filler Plate - for 1" Threaded Shaft	1 -	- 1	- 1
5	30FP3	Filler Plate - for 3/4" Threaded Shaft with O-Ring Filler Plate - for 1" Threaded Shaft with O-Ring	1 -	- 1	- 1
6	30CU1	Cup	2	2	2
7	30BP1 30BP2	Back-Up Plate w/3/4" Threaded Shaft Back-Up Plate w/ 1" Threaded Shaft	1 -	- 1	- 1
8	10SW1	3/4" Star Washer (not required with lock nut)	1	-	-
9	10NU1 10NU4 10NU5	3/4" N.F. Nut 1" N.F. Locking Nut 3/4" N.F. Locking Nut	1 1 1	- 1 -	- 1 -
10	30HP6 30HP8	Head Plate Head Plate	1 -	- 1	- 1
11	10OR3	2-5/8" I.D. x 3" O.D. O-Ring	1	1	1
12	10RS1 10RS3	Rod Seal Rod Seal	1 -	- 1	- 1
13	10WS1 10WS3	Wiper Seal Wiper Seal	1 -	- 1	- 1
14	10GN1	1/4" - 28 Grease Fitting	2	2	2

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2504	Model 110-110E Loader Ezee-A-Tach Carrier c/w attaching pins and locking pins	1
2	LA2508 LA2509	Ezee-A-Tach Bracket - R.H. Side Ezee-A-Tach Bracket - L.H. Side	1 1
3	LA2507	Locking Pin	2
4	L2510	Locking Pin Spring	2
5	L2511	Roll Pin	2
6	L2266 LA2268 L1	1" x 6" Hex Head Pin 1" x 6-1/4" Channel Head Pin 1" x 5-1/2" Carriage Head Pin	* * *
7		1/4" x 1-1/4" Cotter Pin	4
8	LA2533 LA2534 LA2535	72" Ezee-A-Tach Bucket - Less Teeth 84" Ezee-A-Tach Bucket - Less Teeth 96" Ezee-A-Tach Bucket - Less Teeth	* * *

MODEL 110 - 110E LOADER CYLINDER REPAIR SEAL KIT CODES



CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2515N6	2 - 25CU1	A-Cups		226, 227
	1 - 100R20	O-Ring - 2-1/8" O.D.)		245
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
3015N4	1 - 100R9	O-Ring - 3/4" I.D. x 7/8" O.D.		228
	1 - 30CU1	A-Cups		
	1 - 100R3	O-Rings - 2-5/8" I.D. x 3" O.D.		
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
3517UN4	1 - 100R13	O-Rings - 1" I.D. x 1-1/4" O.D.		229
	2 - 30CU1	U-Cups		
	1 - 100R8	O-Rings - 3-1/8 I.D. x 3-1/2" O.D.		
	1 - 10RS3	Rod Seal		
	1 - 10WS3	Wiper Seal		
	1 - 35WR1	Wear Ring		
3015UN4	2 - 30CU2	U-Cups		234, 235, 246
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
	1 - 100R21	O-Ring - 1" I.D. x 1-1/8" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
3017RN4	2 - 30CU2	U-Cups		219, 251
	1 - 10RS3	Rod Seal		
	1 - 10WS3	Wiper Seal		
	1 - 100R21	O-Ring - 1" I.D. x 1-1/8" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
	1 - 30WR1	Wear Ring		
3017N4	2 - 30CU1	A-Cups		218, 230
	1 - 10RS3	Rod Seal		
	1 - 10WS3	Wiper Seal		
	1 - 100R13	O-Ring - 1" I.D. x 1-1/4" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
3015RN4	2 - 30CU2	U-Cups		252, 253
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
	1 - 100R21	O-Ring - 1" I.D. x 1-1/8" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
	1 - 30WR1	Wear Ring		

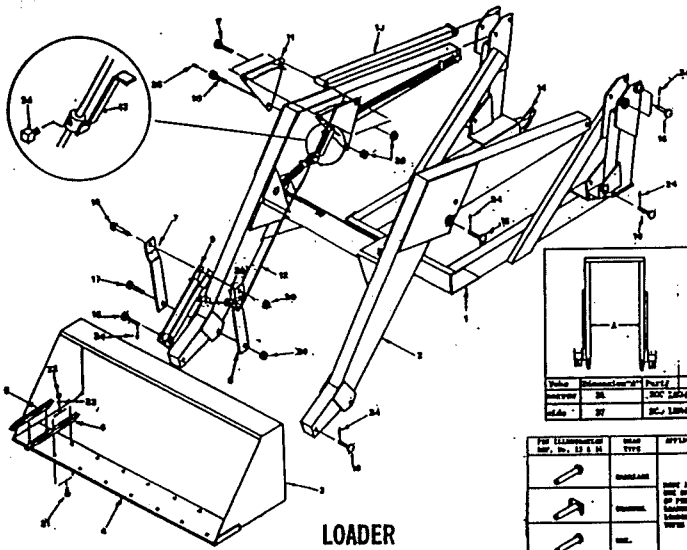
MODEL 110 - 110E LOADER

MODEL 110 - 110E CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C- C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
226	2-1/2"	24-1/2"	33-1/8"	1-1/2"	N6	BUCKET 110
227	2-1/2"	13-1/2"	45-3/4"	1-1/2"	N6	BUCKET 115
245	2-1/2"	13-1/2"	53-7/8"	1-1/2"	N6	BUCKET 115E
234	3"	24-1/2"	33-1/8"	1-1/2"	N4-U-CUP	BUCKET 110 - 110E
253	3"	24-1/2"	33-1/8"	1-1/2"	N4-U-CUP-W/R	BUCKET 110 - 110E
235	3"	13-1/2"	45-3/4"	1-1/2"	N4-U-CUP	BUCKET 115
246	3"	13-1/2"	53-7/8"	1-1/2"	N4-U-CUP	BUCKET 115E
228	3"	32"	40-5/8"	1-1/2"	N4	LIFT 110 - 115
219*	3"	32"	40-5/8"	1-3/4"	N4-U-CUP-W/R	LIFT 110-110E - 115 - 115E
218*	3"	32"	40-5/8"	1-3/4"	N4-A-CUP	LIFT 110 - 115
229	3-1/2"	32"	40-5/8"	1-3/4"	N4	LIFT 110 - 115
252	3"	13-1/2"	53-7/8"	1-1/2"	N4-U-CUP-W/R	BUCKET 115E
230+	3"	32"	40-5/8"	1-3/4"	N4-A-CUP	LIFT 110 - 110E - 115 - 115E
251+	3"	32"	40-5/8"	1-3/4"	N4-U-CUP-W/R	LIFT 110 - 110E - 115 - 115E

* Use 3-1/2" Cross Tube on Barrel End
+ Uses 4" Cross Tube on Barrel End

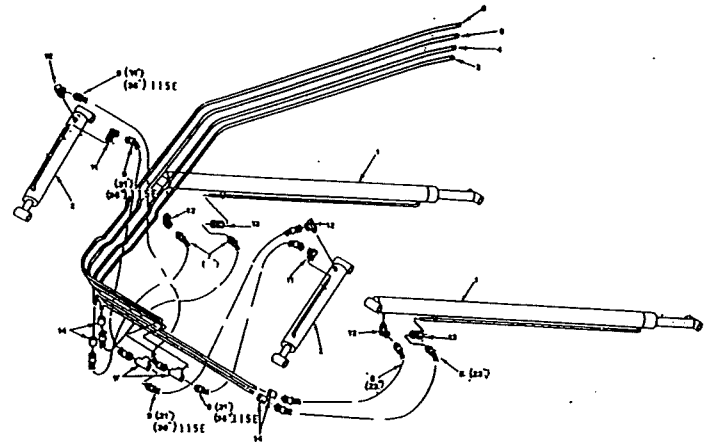
MODEL 115 - 115E LOADER



LOADER

Value	Dimension	Part
36	IN	300 LUGS
37	IN	300 LUGS

For Dimensions Ref. No. 115 & 115E	Unit Type	Applied to
1	Standard	115 & 115E
2	Standard	115 & 115E
3	Standard	115 & 115E

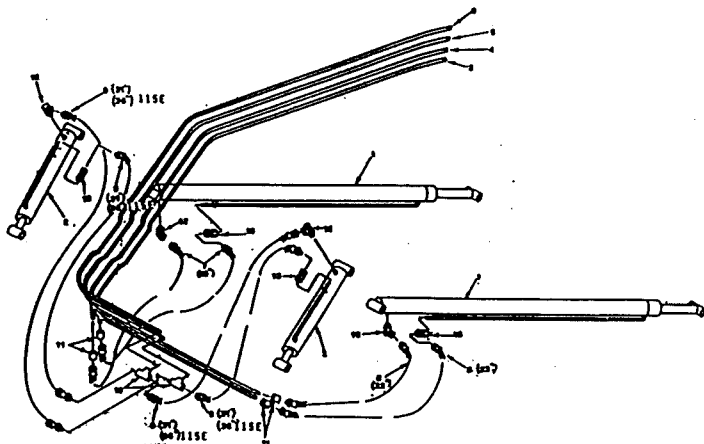


HYDRAULIC SYSTEM
(for Model with Serial No. prior to 31583)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2400	Yoke Assembly - Wide Yoke c/w Pins	1
2	LB2401	Yoke Assembly - Narrow Yoke c/w Pins	1
	LB2425	Main Frame c/w Pins - Model 115	1
	LB2428	Main Frame - Extended Model c/w Pins - Model 115E	1
	LB2245	72" Bucket Assembly c/w 4 Pins	1
	LB2255	84" Bucket Assembly c/w 4 Pins	1
	LB2260	96" Bucket Assembly c/w 4 Pins	1
Back of Bucket	L2246	Round Hole Bucket Attaching Lug (weld-on)	2
	L2247	Square Hole Bucket Attaching Lug (weld-on)	2
4	L42	72" Bucket Blade (weld-on)	1
	L43	84" Bucket Blade (weld-on)	1
	L1638	96" Bucket Blade (weld-on)	1
5	L1680	Bucket Tooth (Short)	2
6	L51	Bucket Tooth (Standard)	6-8-9
7	LA2270	Outside Pivot Arm	2
8	L2271	Inside Pivot Arm	2
9	LA2274	Bucket Push Arm	2
10	LA2445	Self-Levelling Link Assembly	2
11	LA2450	Self-Levelling Pivot Strap - Right Side	1
	LA2451	Self-Levelling Pivot Strap - Left Side	1
12	LA2278	Bucket Dump Guide Rod (115)	*
	LA2461	Bucket Dump Guide Rod (115E)	*
13	LA2279	Bucket Dump Guide Indicator	1
14	L30	Jaw Assembly - Narrow Yoke (weld-on)	*
	L1640	Jaw Assembly - Wide Yoke (weld-on)	*
15	L2265	1" x 5-1/2" Hex Head Pin	*
	LA2267	1" x 6" Channel Head Pin	*
	L2	1" x 5-1/8" Carriage Head Pin	*
16	L2266	1" x 5-7/8" Hex Head Pin	*
	LA2268	1" x 6-1/4" Channel Head Pin	*
	L1	1" x 5-1/2" Carriage Head Pin	*
17	L2244	1" x 6-1/2" N.C. Hex Head Bolt (Drilled)	6
18	L89	1" x 7" N.C. Hex Head Bolt (Drilled)	2
19	L2460	1" x 6-1/2" N.C. Hex Head Bolt (Drilled, Special)	2
20	L1574	1" N.C. Slotted Hex Nut	10
21	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt	16-20-22
22		7/16" N.C. Hex Nut	16-20-22
		7/16" Lockwasher	
		1/4" x 1-1/2" Cotter Pin	10
		3/8" x 1/2" N.C. Set Screw	1
26		3/8" Flatwasher	1
27		5/32" x 3/4" Cotter Pin	1
28	10GN1	1/4" - 28 Grease Fitting	18

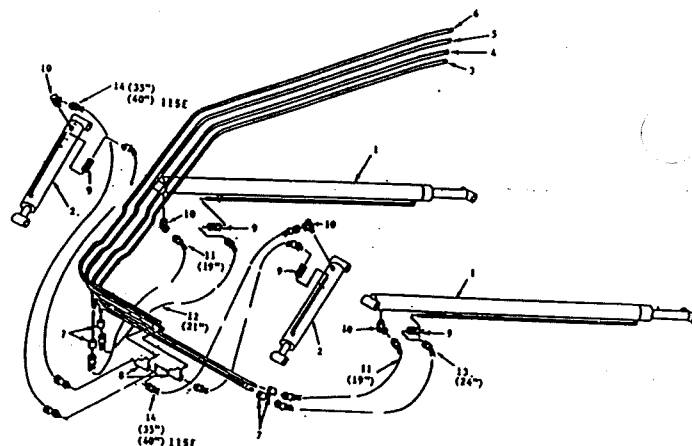
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	228, 229	Lift Cylinder - See Cylinder Parts List Instructions	2
2	226, 227	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L2465	Bottom 1 Hydraulic Oil Line	1
4	L2466	Bottom 2 Hydraulic Oil Line	1
5	L2467	Bottom 3 Hydraulic Oil Line	1
6	L2468	Bottom 4 Hydraulic Oil Line	2
7	H19	3/8" x 19" Hydraulic Hose	2
8	H23	3/8" x 23" Hydraulic Hose	2
9	H31	3/8" x 31" Hydraulic Hose	4
	H36	3/8" x 36" Hydraulic Hose (for 115E ONLY)	4
10	DL5282	3/8" x 3/8" x 3/8" Tee	2
11	DL5284	3/8" x 90 degree Swivel Elbow	2
12	DL9769	3/8" x 90 degree Swivel Street Elbow	4
13	DL29	3/8" Female Swivel Adapter	2
14	DL5280	3/8" Connector Union	4

* AS REQUIRED



HYDRAULIC SYSTEM
(for Models with Serial No. between 31583 and 32695)

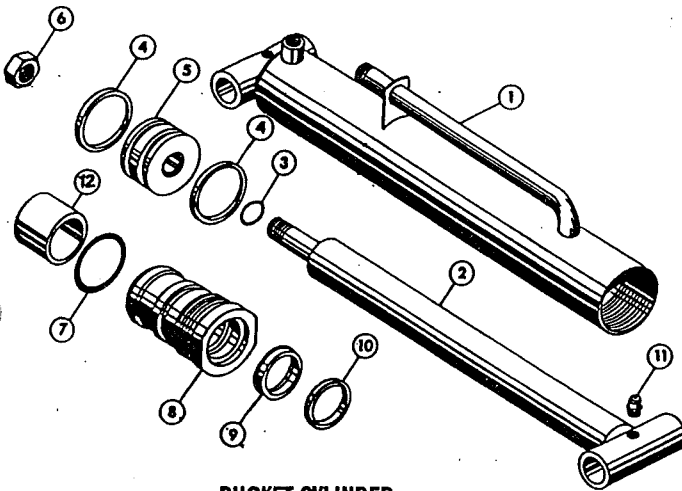
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	228, 229	Lift Cylinder - See Cylinder Parts List Instructions	2
2	226, 227, 245, 246	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L2465	Bottom 1 Hydraulic Oil Line	1
4	L2466	Bottom 2 Hydraulic Oil Line	1
5	L2467	Bottom 3 Hydraulic Oil Line	1
6	L2468	Bottom 4 Hydraulic Oil Line	1
7	H19	3/8" x 19" Hydraulic Hose	2
8	H23	3/8" x 23" Hydraulic Hose	2
9	H31	3/8" x 31" Hydraulic Hose	4
	H36	3/8" x 36" Hydraulic Hose (115 Extended Frame)	4
10	DL5282	3/8" x 3/8" x 3/8" Tee	2
11	DL5280	3/8" Connector Union	4
12	DL9769	3/8" x 90 degree Swivel Street Elbow	4
13	DL29	3/8" Female Swivel Adapter	4



HYDRAULIC SYSTEM
(for Models with Serial No. After 32695)

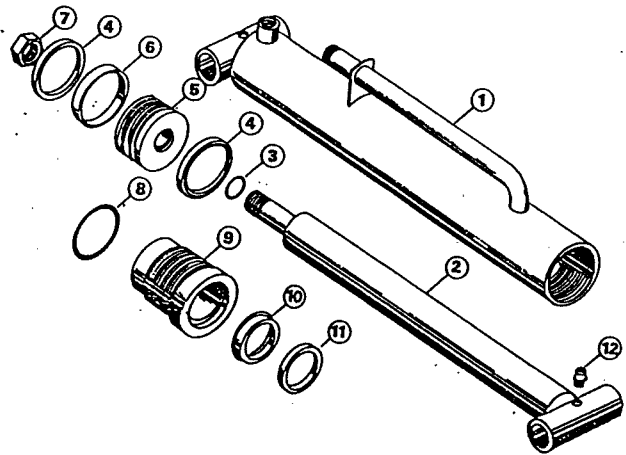
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	228, 229	Lift Cylinder - See Cylinder Parts List Instructions	2
2	226, 227, 245, 246	Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L2465	Bottom 1 Hydraulic Oil Line	1
4	L2466	Bottom 2 Hydraulic Oil Line	1
5	L2467	Bottom 3 Hydraulic Oil Line	1
6	L2468	Bottom 4 Hydraulic Oil Line	2
7	DL5280	3/8" Connector Union	4
8	DL5282	3/8" x 3/8" x 3/8" Tee	2
9	DL29	3/8" Female Swivel Adapter	4
	DL9769	3/8" x 90 degree Swivel Street Elbow	4
10	L2902	3/8" x 19" Hydraulic Hose	2
11	L2933	3/8" x 21" Hydraulic Hose	1
12	L2939	3/8" x 24" Hydraulic Hose	1
13	L2935	3/8" x 35" Hydraulic Hose	4
14	L2909	3/8" x 40" Hydraulic Hose (115 Extended Frame)	4

MODEL 115 - 115E LOADER



BUCKET CYLINDER
N4 THREADED HEAD TYPE
DOUBLE "U" CUP PISTON - Less Wear Ring

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			234	235	246
1	30TU16	Tube Assembly - 3" x 24-1/2" (110-110E)	1		
	30TU17	Tube Assembly - 3" x 13-1/2" (115)		1	
	30TU20	Tube Assembly - 3" x 13-1/2" (115E)			1
2	10SH43	Shaft - 1-1/2" x 24-1/2"	1		
	10SH44	Shaft - 1-1/2" x 13-1/2" - (use shaft #10SH14 and cut cross tube from 3-3/4" to 3")		1	1
3	10OR21	1" I.D. x 1-1/8" O.D. O-Ring	1	1	1
4	30CU2	U-Cup	2	2	2
5	30PB1	Plunger Block	1	1	1
6	10NU4	1" N.F. Locking Nut	1	1	1
7	10OR3	2-5/8" I.D. x 3" O.D. O-Ring	1	1	1
8	30HP6	Head Plate	1	1	1
9	10RS1	Rod Seal	1	1	1
10	10WS1	Wiper Seal	1	1	1
11	10GN1	1/4" - 28 Grease Fitting	2	2	2
	10SP10	2" O.D. x 1-1/2" I.D. x 3-1/4" Spacer		1	1

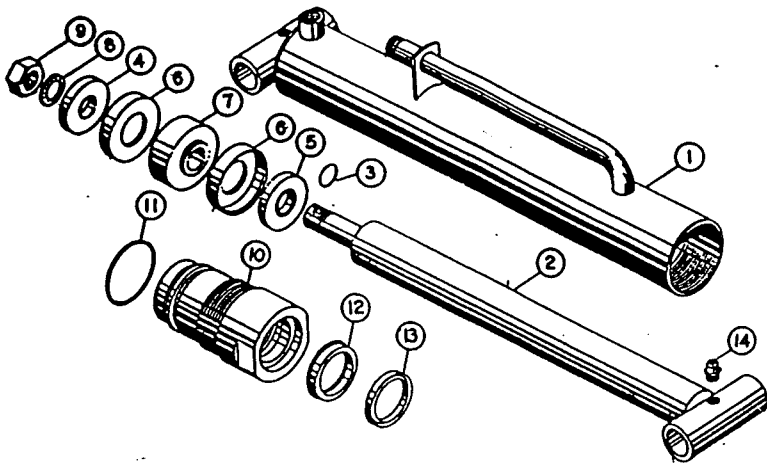


LIFT CYLINDER
N4 THREADED HEAD TYPE
DOUBLE U-CUP TYPE PISTON w/Wear Ring

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			229	219	251*
1	35TU9	Tube Assembly - 3-1/2" x 32"	1	-	-
	35TU18	Tube Assembly - 3" x 32" - 3-1/2"	-	1	-
	35TU19	Cross Tube (order 30TU19 and cut down cross tube to 3-1/2") Tube Assembly - 3" x 32" - 4" Cross Tube	-	1	1
2	10SH40	Shaft - 1-3/4" x 32"	1	1	1
3	10OR21	O-Ring - 1" I.D. x 1-1/8" O.D.	1	1	1
4	35CU2	U-Cup - 3-1/2" x 32"	2	-	-
	30CU2	U-Cup - 3" x 32"	-	2	2
5	35PB7	Plunger Block - 3-1/2" x 32"	1	-	-
	30PB2	Plunger Block - 3" x 32"	-	1	1
6	35WR1	Wear Ring - 3-1/2" x 32"	1	-	-
	30WR1	Wear Ring - 3" x 32"	-	1	1
7	10NU4	1" Locking Nut	1	1	1
8	10OR8	O-Ring - 3-1/8" x 3-1/2" O.D.	1	-	-
	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	-	1	1
9	35HP6	Head Plate	1	-	-
	30HP8	Head Plate	-	1	1
10	10RS3	Rod Seal	1	1	1
11	10WS3	Wiper Seal	1	1	1
12	10GN1	1/4" - 28 Grease Fitting	2	2	2

* Above 3" x 32" #251 Cylinders are used on Loaders with serial #32182 and higher

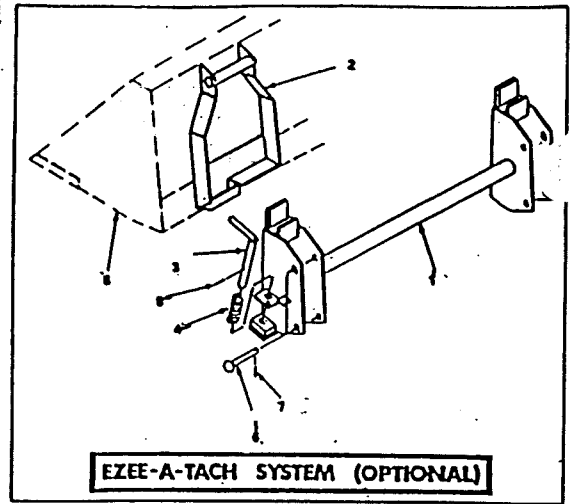
MODEL 115 - 115E LOADER



LIFT CYLINDER
N4 THREADED HEAD TYPE A-CUP TYPE PISTON
 (for Models with Serial No. prior to 32182)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2400	Yoke Assembly - Wide Yoke c/w Pins	1
	LB2401	Yoke Assembly - Narrow Yoke c/w Pins	1
2	LB2425	Main Frame c/w Pins - Model 115	1
	LB2428	Main Frame - Extended Model c/w Pins - Model 115E	1
3	LB2245	72" Bucket Assembly c/w 4 Pins	1
	LB2255	84" Bucket Assembly c/w 4 Pins	1
	LB2260	96" Bucket Assembly c/w 4 Pins	1
Back of Bucket	L2246	Round Hole Bucket Attaching Lug (weld-on)	2
	L2247	Square Hole Bucket Attaching Lug (weld-on)	2
4	L42	72" Bucket Blade (weld-on)	1
	L43	84" Bucket Blade (weld-on)	1
	L1638	96" Bucket Blade (weld-on)	1
5	L1680	Bucket Tooth (Short)	2
6	L51	Bucket Tooth (Standard)	6-8-9
7	LA2270	Outside Pivot Arm	2
8	L2271	Inside Pivot Arm	2
9	LA2274	Bucket Push Arm	2
10	LA2445	Self-Levelling Link Assembly	2
11	LA2450	Self-Levelling Pivot Strap - Right Side	1
	LA2451	Self-Levelling Pivot Strap - Left Side	1
12	LA2278	Bucket Dump Guide Rod (115)	*
	LA2461	Bucket Dump Guide Rod (115E)	*
13	LA2279	Bucket Dump Guide Indicator	1
14	L30	Jaw Assembly - Narrow Yoke (weld-on)	*
	L1640	Jaw Assembly - Wide Yoke (weld-on)	*
15	L2265	1" x 5-1/2" Hex Head Pin	*
	LA2267	1" x 6" Channel Head Pin	*
	L2	1" x 5-1/8" Carriage Head Pin	*
16	L2266	1" x 5-7/8" Hex Head Pin	*
	LA2268	1" x 6-1/4" Channel Head Pin	*
	L1	1" x 5-1/2" Carriage Head Pin	*
17	L2244	1" x 6-1/2" N.C. Hex Head Bolt (Drilled)	6
18	L89	1" x 7" N.C. Hex Head Bolt (Drilled)	2
19	L2460	1" x 6-1/2" N.C. Hex Head Bolt (Drilled, Special)	2
20	L1574	1" N.C. Slotted Hex Nut	10
21	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt	16-20-22
22		7/16" N.C. Hex Nut	16-20-22
23		7/16" Lockwasher	
24		1/4" x 1-1/2" Cotter Pin	10
25		3/8" x 1/2" N.C. Set Screw	1
26		3/8" Flatwasher	1
27		5/32" x 3/4" Cotter Pin	1
28	10GN1	1/4" x 28" Grease Fitting	18

* AS REQUIRED



EZEE-A-TACH SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2504	Model 115 - 115E Loader Ezee-A-Tach Carrier c/w attaching pins and locking pins	1
2	LA2508	Ezee-A-Tach Bracket - R.H. Side	1
	LA2509	Ezee-A-Tach Bracket - L.H. Side	1
3	LA2507	Locking Pin	2
4	L2510	Locking Pin Spring	2
5	L2511	Roll Pin	2
6	L2266	1" x 6" Hex Head Pin	*
	LA2268	1" x 6-1/4" Channel Head Pin	*
	L1	1" x 5-1/2" Carriage Head Pin	*
7		1/4" x 1-1/4" Cotter Pin	4
8	LA2533	72" Ezee-A-Tach Bucket - Less Teeth	*
	LA2534	84" Ezee-A-Tach Bucket - Less Teeth	*
	LA2535	96" Ezee-A-Tach Bucket - Less Teeth	*

MODEL 115 - 115E LOADER

MODEL 115 - 115E CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C- C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
226	2-1/2"	24-1/2"	33-1/8"	1-1/2"	N6	BUCKET 110
227	2-1/2"	13-1/2"	45-3/4"	1-1/2"	N6	BUCKET 115
245	2-1/2"	13-1/2"	53-7/8"	1-1/2"	N6	BUCKET 115E
234	3"	24-1/2"	33-1/8"	1-1/2"	N4-U-CUP	BUCKET 110 - 110E
253	3"	24-1/2"	33-1/8"	1-1/2"	N4-U-CUP-W/R	BUCKET 110 - 110E
235	3"	13-1/2"	45-3/4"	1-1/2"	N4-U-CUP	BUCKET 115
246	3"	13-1/2"	53-7/8"	1-1/2"	N4-U-CUP	BUCKET 115E
228	3"	32"	40-5/8"	1-1/2"	N4	LIFT 110 - 115
219*	3"	32"	40-5/8"	1-3/4"	N4-U-CUP-W/R	LIFT 110-110E - 115 - 115E
218*	3"	32"	40-5/8"	1-3/4"	N4-A-CUP	LIFT 110 - 115
229	3-1/2"	32"	40-5/8"	1-3/4"	N4	LIFT 110 - 115
252	3"	13-1/2"	53-7/8"	1-1/2"	N4-U-CUP-W/R	BUCKET 115E
230+	3"	32"	40-5/8"	1-3/4"	N4-A-CUP	LIFT 110 - 110E - 115 - 115E
251+	3"	32"	40-5/8"	1-3/4"	N4-U-CUP-W/R	LIFT 110 - 110E - 115 - 115E

* Use 3-1/2" Cross Tube on Barrel End
+ Uses 4" Cross Tube on Barrel End

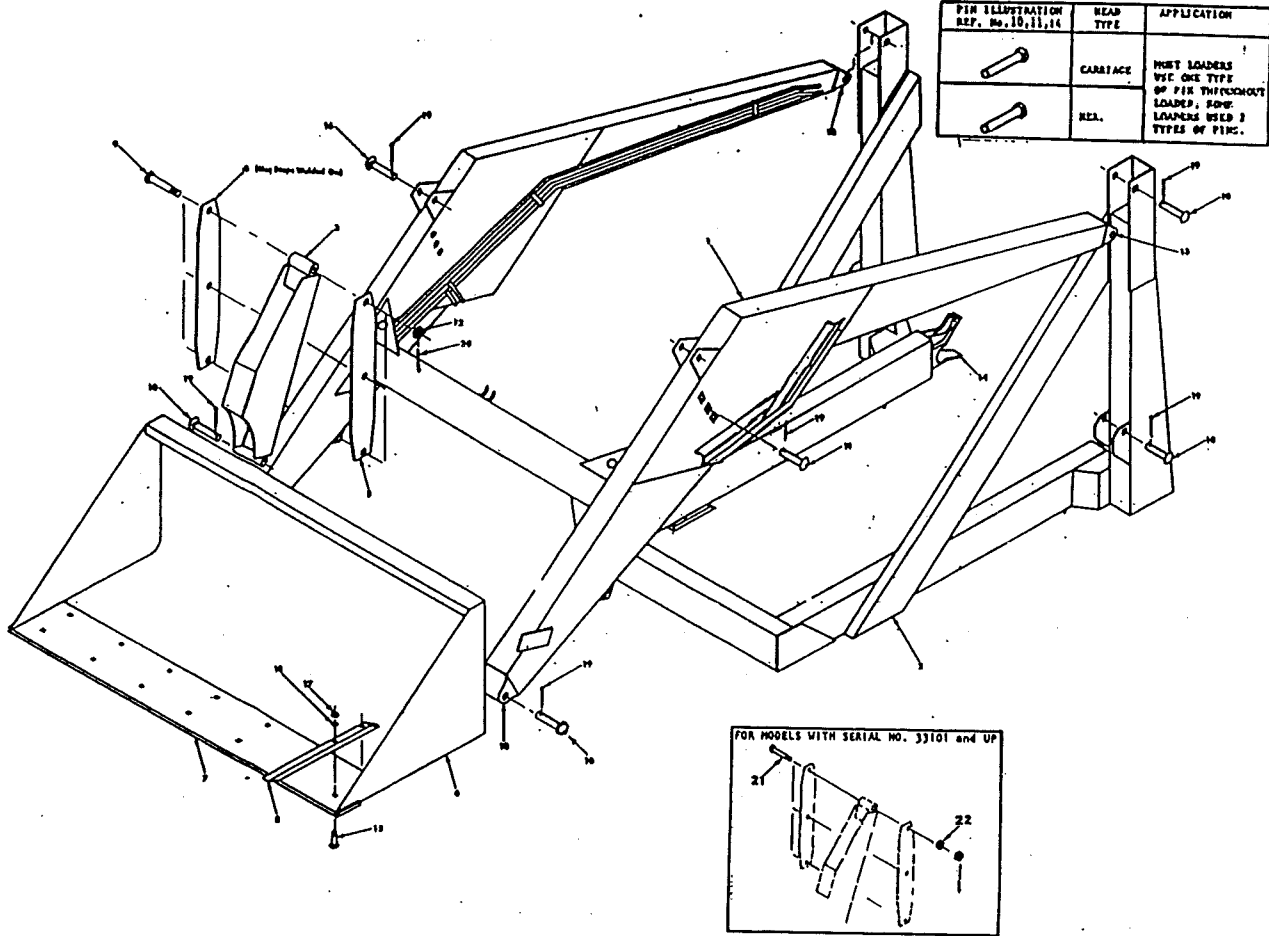
MODEL 115 - 115E LOADER CYLINDER REPAIR SEAL KIT CODES

CODE	25 = 2-1/2" bore
	30 = 3" bore
	35 = 3-1/2" bore
PART NO.	2515N4
	N4 = threaded head type
	N6 = threaded head type
	15 = 1-1/2" shaft
	17 = 1-3/4" shaft

CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2515N6	2 - 25CU1	A-Cups		226, 227
	1 - 100R20	O-Ring - 2-1/8" O.D.)		245
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
3015N4	1 - 100R9	O-Ring - 3/4" I.D. x 7/8" O.D.		228
	1 - 30CU1	A-Cups		
	1 - 100R3	O-Rings - 2-5/8" I.D. x 3" O.D.		
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
3517UN4	1 - 100R13	O-Rings - 1" I.D. x 1-1/4" O.D.		229
	2 - 30CU1	U-Cups		
	1 - 100R8	O-Rings - 3-1/8 I.D. x 3-1/2" O.D.		
	1 - 10RS3	Rod Seal		
	1 - 10WS3	Wiper Seal		
	1 - 35WR1	Wear Ring		
3015UN4	2 - 30CU2	U-Cups		234, 235, 246
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
	1 - 100R21	O-Ring - 1" I.D. x 1-1/8" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
3017RN4	2 - 30CU2	U-Cups		219, 251
	1 - 10RS3	Rod Seal		
	1 - 10WS3	Wiper Seal		
	1 - 100R21	O-Ring - 1" I.D. x 1-1/8" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
	1 - 30WR1	Wear Ring		
3017N4	2 - 30CU1	A-Cups		218, 230
	1 - 10RS3	Rod Seal		
	1 - 10WS3	Wiper Seal		
	1 - 100R13	O-Ring - 1" I.D. x 1-1/4" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
3015RN4	2 - 30CU2	U-Cups		252, 253
	1 - 10RS1	Rod Seal		
	1 - 10WS1	Wiper Seal		
	1 - 100R21	O-Ring - 1" I.D. x 1-1/8" O.D.		
	1 - 100R3	O-Ring - 2-5/8" I.D. x 3" O.D.		
	1 - 30WR1	Wear Ring		

MODEL 120 LOADER



LOADER

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB1624	Main Frame Assembly c/w Pins (ref. no. 11 and 16)	1
2	LB1620	Yoke Assembly c/w Pins (ref. no. 10)	1
	LB1643	Wide Yoke Assembly c/w Pins (ref. no. 10)	1
3	LA1576	Bucket Push Arm Assembly	2
4	LA1585	Pivot Arm - Outside	2
5	L1586	Pivot Arm - Inside	2
6	LB1588	60" Bucket Assembly c/w Pins (ref. no. 10)	1
	LB1599	72" Bucket Assembly c/w Pins (ref. no. 10)	1
	LB1606	84" Bucket Assembly c/w Pins (ref. no. 10)	1
	LB1637	96" Bucket Assembly c/w Pins (ref. no. 10)	1
Back of Bucket	L1595	Square Hole Bucket Attaching Lug (weld-on)	2
	L1596	Round 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
	L1638	96" Bucket Blade (weld-on)	1
8	L51	Bucket Tooth (short)	7-8-10-11
	L52	Bucket Tooth (long)	7-8-10-11
	L1587	1" x 6" Hex Head Bolt (drilled for cotter pin) Replaced by 1" x 6-1/2" N.C. hex bolt #L2244 and 2" O.D. x 1-1/16" I.D. x 1/2" spacer washer #L2264	6

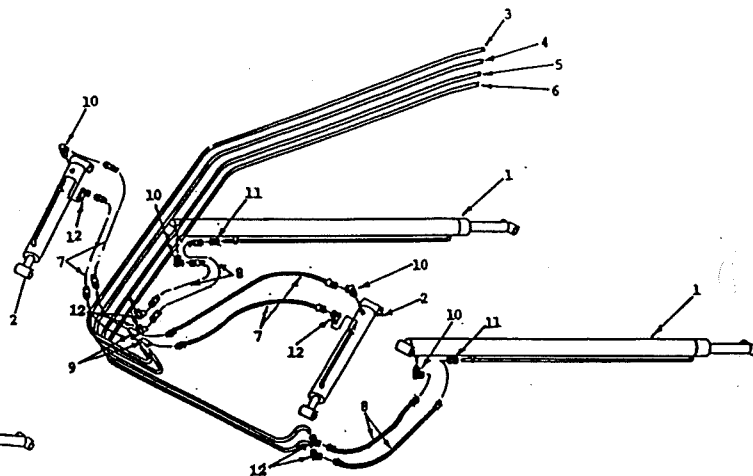
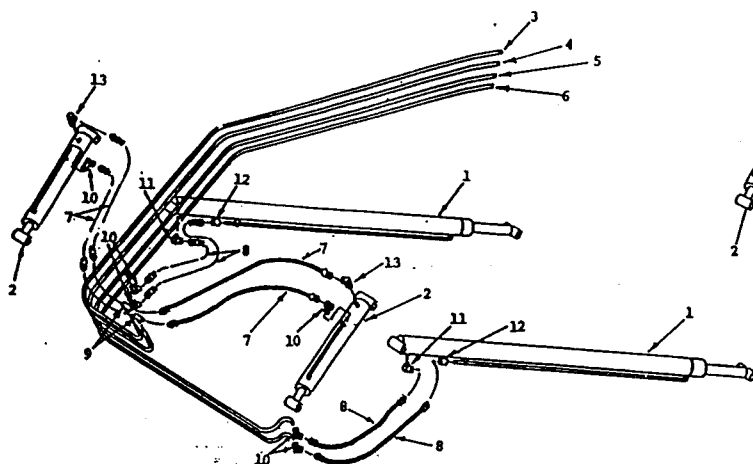
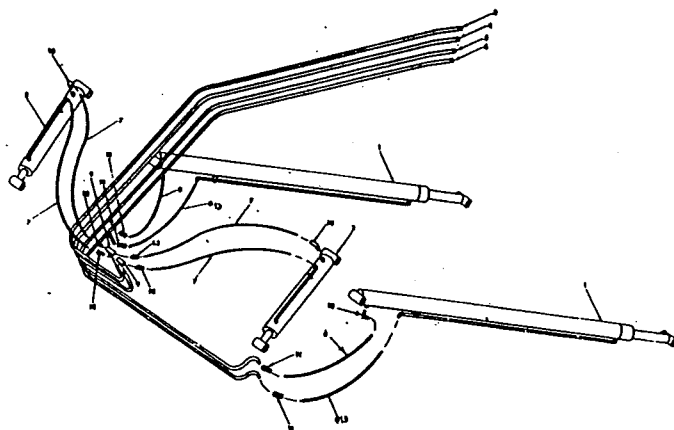
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
10	L1	1" x 5-1/2" Carriage Head Pin	*
	L2266	1" x 5-7/8" Hex Head Pin	*
11	L1561	1" x 5-1/8" Carriage Head Pin (drilled for cotter pin and grease fitting)	2
12	L1574	1" N.C. Slotted Hex Nut	6
13	L10	Hinge Block (weld-on)	4
14	L30	Jaw Assembly - Wide Yoke (weld-on)	2
	L1640	Jaw Assembly - Narrow Yoke (weld-on)	2
15	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt c/w Nut and Lockwasher	14-16 20-28
16	L1	1" x 5-1/2" Carriage Head Pin (drilled for cotter pin)	2
17		7/16" N.C. Hex Nut	14-16 20-22
18		7/16" Lockwasher	14-16
19		1/4" x 1-1/2" Cotter Pin	12
20		3/16" x 1-1/2" Cotter Pin	12
21	L2244	1" x 6-1/2" N.C. Hex Head Bolt (drilled for cotter pin) - for loaders with Serial No. 33101 and up	6
22	L2264	2" O.D. x 1-1/16" I.D. x 1/2" Spacer Washer - for loaders with Serial No. 33101 and up	6
	10GN1	1/4" - 28 Grease Fitting	6

* AS REQUIRED

MODEL 120 LOADER

HYDRAULIC SYSTEM (for Model with Serial No. prior to 4825)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1599	Bottom 4 Hydraulic Oil Line	1
4	L1558	Bottom 3 Hydraulic Oil Line	1
5	L1555	Bottom 2 Hydraulic Oil Line	1
6	L1552	Bottom 1 Hydraulic Oil Line	1
7	H30	3/8" x 30" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	2
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
13	H19	3/8" x 19" Hydraulic Hose	6
	10GN1	1/4" - 28 Grease Fitting	2



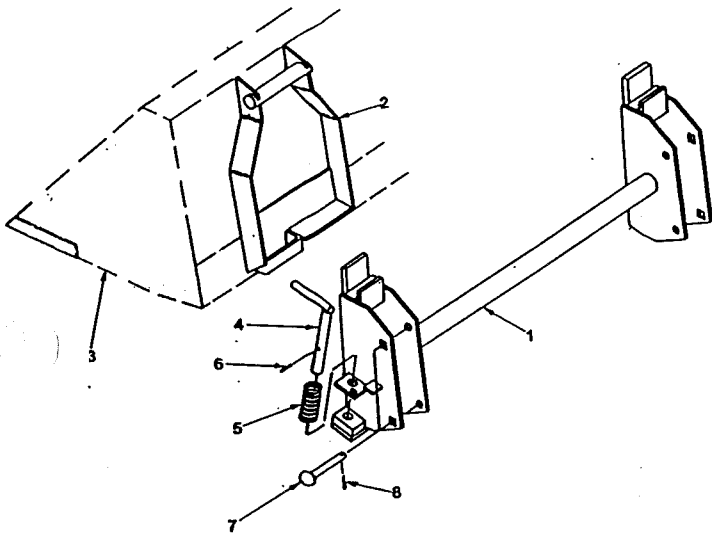
HYDRAULIC SYSTEM (for Models with Serial No. between 31629 and 32214)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1599	Bottom 4 Hydraulic Oil Line	1
4	L1558	Bottom 3 Hydraulic Oil Line	1
5	L1555	Bottom 2 Hydraulic Oil Line	1
6	L1552	Bottom 1 Hydraulic Oil Line	1
7	H30	3/8" x 31" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	4
9	L1617	3/8" Tee Joint	2
10	L1618	3/8" x 90 degree Swivel Elbow	6
11	L29	3/8" x 90 degree Street Elbow (Steel)	2
12	L1619	3/8" Coupler	2
13	H19	3/8" x 90 degree Swivel Street Elbow	2
	10GN1	1/4" - 28 Grease Fitting	8

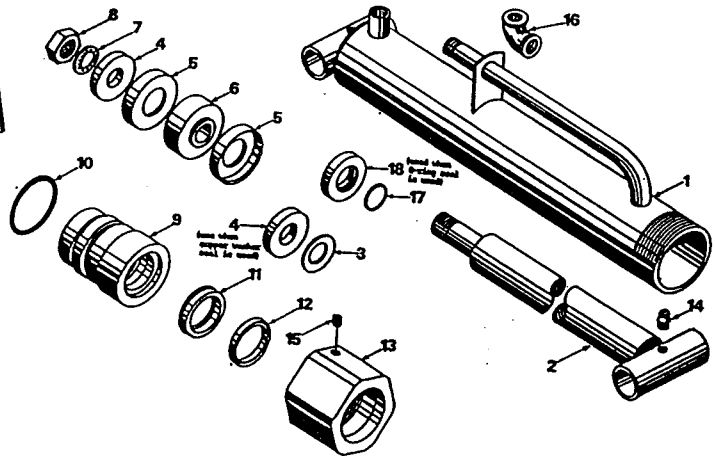
HYDRAULIC SYSTEM (for Models with Serial No. 32214 and up)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1599	Bottom 4 Hydraulic Oil Line	1
4	L1558	Bottom 3 Hydraulic Oil Line	1
5	L1555	Bottom 2 Hydraulic Oil Line	1
6	L1552	Bottom 1 Hydraulic Oil Line	1
7	H31	3/8" x 31" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	4
9	L1617	3/8" Tee Joint	2
10	DL9769	3/8" x 90 degree Swivel Street Elbow	4
11	L29	3/8" Female - Female Swivel	2
12	DL5284	3/8" x 90 degree Swivel Female - Female Elbow	6
	10GN1	1/4" - 28 Grease Fitting	8

MODEL 120 LOADER



EZEE-A-TACH SYSTEM



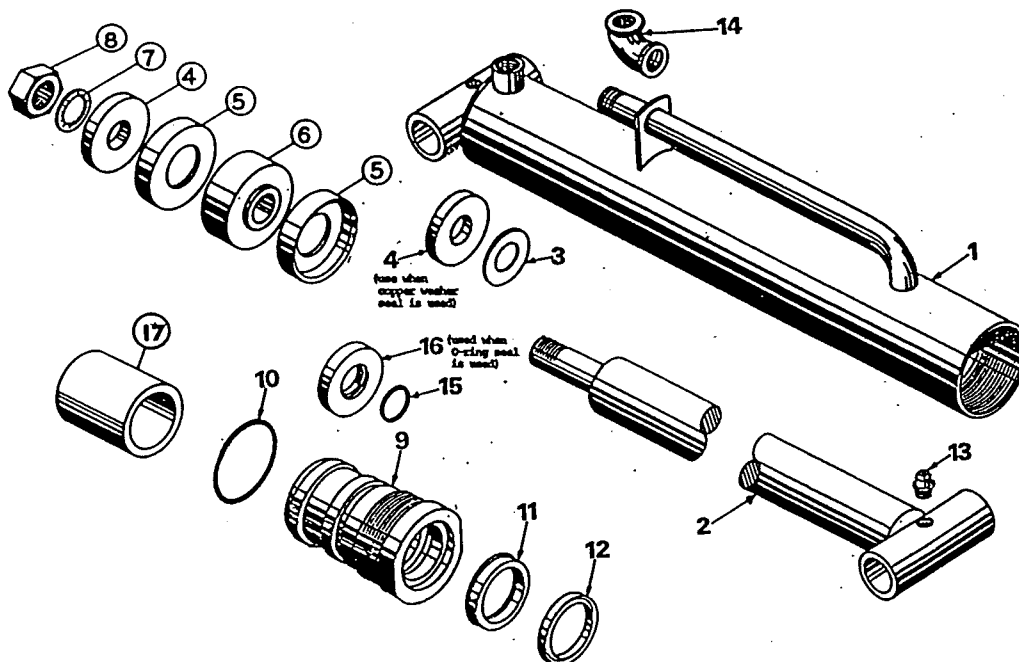
**LIFT CYLINDER
N3 EXTERNAL NUT TYPE**

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2505	Model 120 Loader Ezee-A-Tach Carrier	*
2	LA2508	Ezee-A-Tach Bracket - R.H. Side	1
3	LA2509	Ezee-A-Tach Bracket - L.H. Side	1
4	LA2533	72" Ezee-A-Tach Bucket	*
5	LA2534	84" Ezee-A-Tach Bucket	*
6	LA2535	96" Ezee-A-Tach Bucket	*
7	LB2507	Locking Pin	2
8	L2510	Spring	2
	L2511	Roll Pin	2
9	L1	1" x 5-1/2" Carriage Head Pin	4
10		1/4" x 1-1/4" Cotter Pin	4

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			131
1	25TU28	Tube Assembly - 2-1/2" x 48"	1
2	10SH13	Shaft - 2" x 48"	1
3	10CW1	Copper Washer	*
4	25FP1	Filler Plate	*
5	25CU1	A-Cups - 2-1/2"	2
6	25BP1	Back-Up Plate	1
7	10SW1	Star Washer - not required with locking nut	*
8	10NU1	3/4" N.F. Nut	*
9	10NU5	3/4" N.F. Locking Nut	1
10	25HP6	Head Plate	1
11	10OR1	O-Ring - 2-1/4" I.D. x 2-1/2" O.D.	1
12	10RS2	Rod Seal - 2" I.D. x 2-3/8" O.D. x 3/8"	1
13	10WS2	Wiper Seal - 2" I.D. x 2-3/8" O.D. x 3/16"	1
14	25HN1	Head Nut	1
15	10GN1	1/4" - 28 Grease Fitting	2
16	10SS1	Set Screw - for head nut	1
17	10EL1	Elbow (used prior to 1985)	*
18	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	*
	25FP2	Filler Plate w/machined seat for O-ring (ref. no. 17)	*

* AS REQUIRED

MODEL 120 LOADER

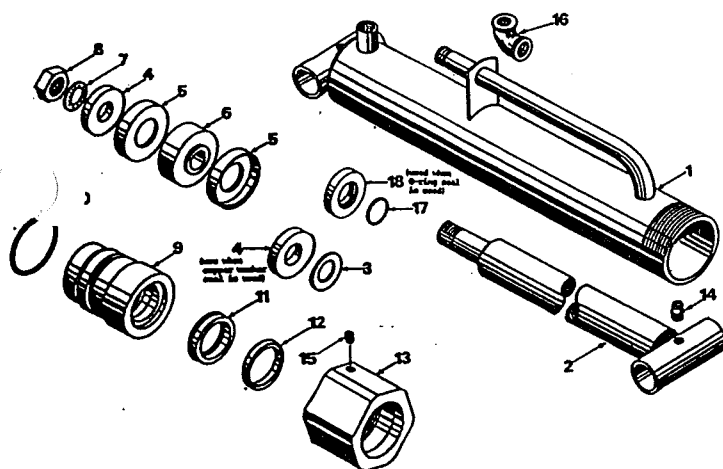


LIFT CYLINDER N4 THREADED HEAD TYPE A-CUP TYPE PISTON

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			137	141	140
1	30TU9 30TU10 30TU11	Tube Assembly - 3" x 10" Tube Assembly - 3" x 18" Tube Assembly - 3" x 48"	1 - -	- 1 -	- - 1
2	10SH14 10SH13	Shaft - 1-1/2" x 18" Shaft - 2" x 48"	1	1	1
3	10CW1 10CW2	Copper Washer Copper Washer	*	*	*
4	30FP1 30FP2	Filler Plate Filler Plate	*	*	*
5	30CU1	Cup	2	2	2
6	30BP1 30BP2	Back-Up Plate Back-Up Plate	1	1	1
7	10SW1 10SW2	Star Washer (not required with locking nut) Star Washer (not required with locking nut)	*	*	*
8	10NU1 10NU5 10NU2 10NU4	3/4" N.F. Nut 3/4" N.F. Locking Nut 1" N.F. Nut 1" N.F. Locking Nut	* * *	* *	* *
9	30HP6 30HP7	Head Plate Head Plate	1	1	1
10	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	1	1	1
11	10RS1 10RS2	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal - 2" I.D. x 2-3/8" O.D. x 3/8"	1	1	1
12	10WS1 10WS2	Wiper Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal 2" I.D. x 2-3/8" O.D. x 3/16"	1	1	1
13	10GN1	1/4" - 28 Grease Fitting	2	2	2
14	10EL1	Elbow (used prior to 1985)	*	*	*
15	10OR9 10OR13	O-Ring - 3/4" I.D. x 7/8" O.D. O-Ring - 1" I.D. x 1-1/4" O.D.	*	*	*
16	30FP3 30FP4	Filler Plate w/machined seat for O-Ring (ref. no. 15) Filler Plate w/machined seat for O-Ring (ref. no. 15)	*	*	*
17	10SP8	Spacer	1	-	-

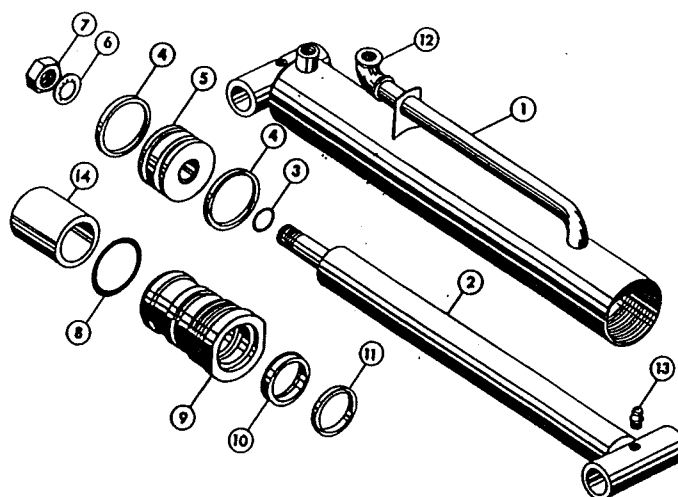
* AS REQUIRED

MODEL 120 LOADER



**LIFT CYLINDER
N3 EXTERNAL NUT TYPE**

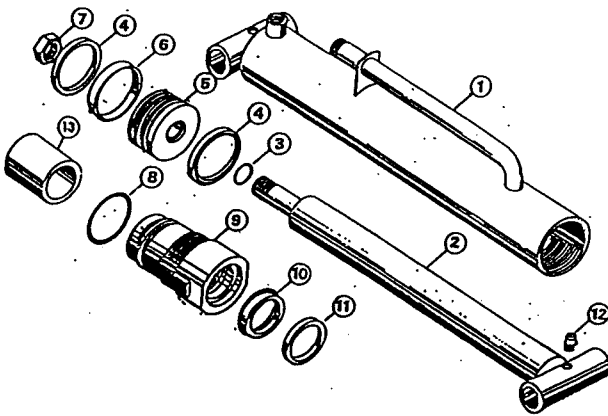
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			131
1	25TU28	Tube Assembly - 2-1/2" x 48"	1
2	10SH13	Shaft - 2" x 48"	1
3	10CW1	Copper Washer	*
4	25FP1	Filler Plate	*
5	25CU1	A-Cups - 2-1/2"	2
6	25BP1	Back-Up Plate	1
7	10SW1	Star Washer - not required with locking nut	*
8	10NU1	3/4" N.F. Nut	*
9	10NU5	3/4" N.F. Locking Nut	1
10	25HP6	Head Plate	1
11	10OR1	O-Ring - 2-1/4" I.D. x 2-1/2" O.D.	1
12	10RS2	Rod Seal - 2" I.D. x 2-3/8" O.D. x 3/8"	1
13	10WS2	Wiper Seal - 2" I.D. x 2-3/8" O.D. x 3/16"	1
14	25HN1	Head Nut	1
15	10GN1	1/4" - 28 Grease Fitting	2
16	10SS1	Set Screw - for head nut	1
17	10EL1	Elbow (used prior to 1985)	*
18	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	*
19	25FP2	Filler Plate w/machined seat for O-ring (ref. no. 17)	*



**N4 THREADED HEAD TYPE CYLINDER
DOUBLE "U" CUP PISTON**

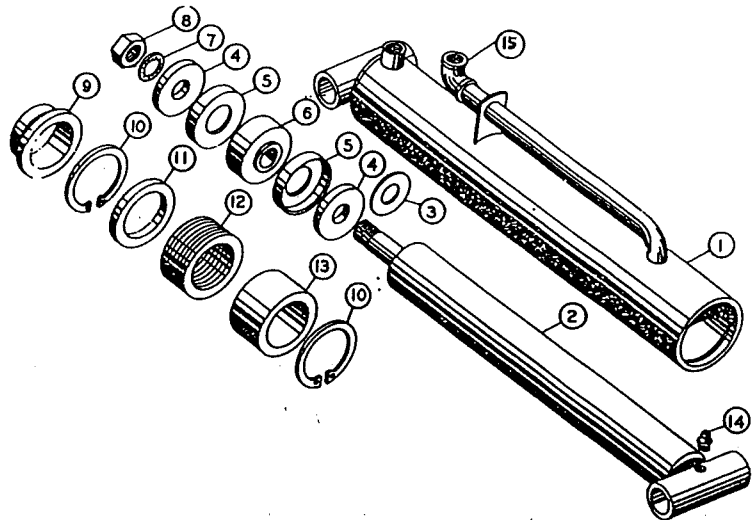
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			144	145
1	30TU10	Tube Assembly - 3" x 18"	1	-
	30TU9	Tube Assembly - 3" x 10"	-	1
2	10SH14	Shaft - 1-1/2" x 18"	1	1
3	10OR12	O-Ring	1	1
4	30CU2	U-Cup	2	2
5	30PB1	Plunger Block	1	1
6	10SW2	Star Washer	1	1
7	10NU2	1" N.F. Nut	1	1
8	10OR3	O-Ring	1	1
9	30HP6	Head Plate	1	1
10	10RS1	Rod Seal	1	1
11	10WS1	Wiper Seal	1	1
12	10EL1	Elbow	1	1
13	10GN1	1/4" - 28 Grease Fitting	2	2

MODEL 120 LOADER



**HYDRAULIC CYLINDER
DOUBLE "U" CUP PISTON**
(for Models with Serial no.33735 and up)

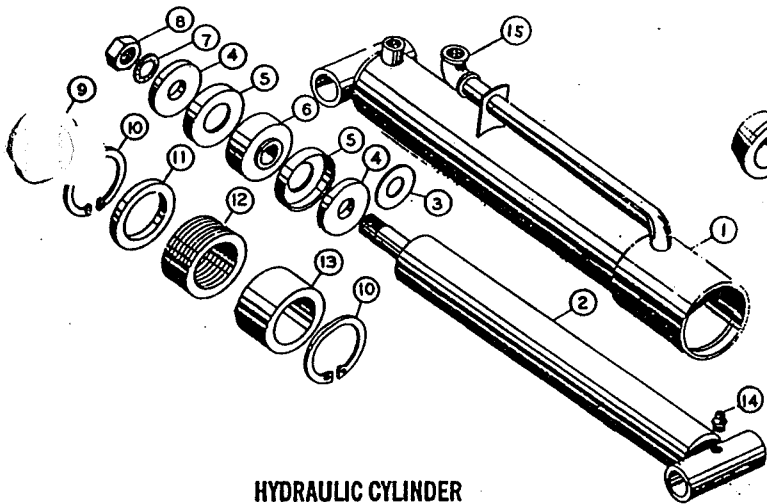
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE		
			264	265	266
1	30TU11 30TU10 30TI9	Tube Assembly - 3" x 48" Tube Assembly - 3" x 18" Tube Assembly - 3" x 10"	1 - -	- 1 -	- - 1
2	10SH13 10SH14	Shaft - 2" x 48" Shaft - 1-1/2" x 18"	1	1	1
3	10OR9 10OR21	O-Ring - 3/4" I.D. x 7/8" O.D. O-Ring - 1" I.D. x 1-1/8" O.D.	1	1	1
4	30CU2	U-Cup - 2-1/2" I.D. x 3" O.D. x 3/8"	2	2	2
5	30PB3 30PB2	Piston - 3" O.D. x 3/4" I.D. Piston - 3" O.D. x 1" I.D.	1	1	1
6	10WR1	Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1	1	1
7	10NU5 10NU4	3/4" N.F. Locking Nut 1" N.F. Locking Nut	1	1	1
8	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	1	1	1
9	30HP7 30HP6	Head Plate - 3" O.D. x 2" I.D. Head Plate - 3" O.D. x 1-1/2" I.D.	1	1	1
10	10RS2 10RS1	Rod Seal - 2" I.D. x 2-3/8" O.D. x 3/8" Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1	1	1
11	10WS2 10WS1	Wiper Seal - 2" I.D. x 2-3/8" O.D. x 3/16" Wiper Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/16"	1	1	1
12	10GN1	1/4" - 28 Grease Fitting	2	2	2
13	10SP6	Spacer - 1-1/2" I.D. x 2-3/8" O.D. x 1-7/8" long	-	-	1



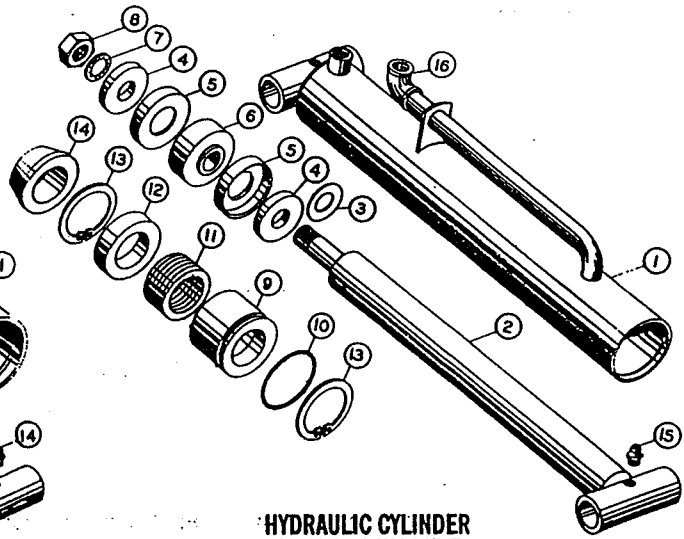
**HYDRAULIC CYLINDER
SI SNAP RING TYPE**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			49
1	30TU8	Tube Assembly - 48"	1
2	10SH13	Shaft - 2" x 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	3/4" N.F. Nut	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	1/4" - 28 Grease Nipple	1
15	10EL1	Elbow	1

MODEL 120 LOADER



**HYDRAULIC CYLINDER
S1-A SNAP RING TYPE**

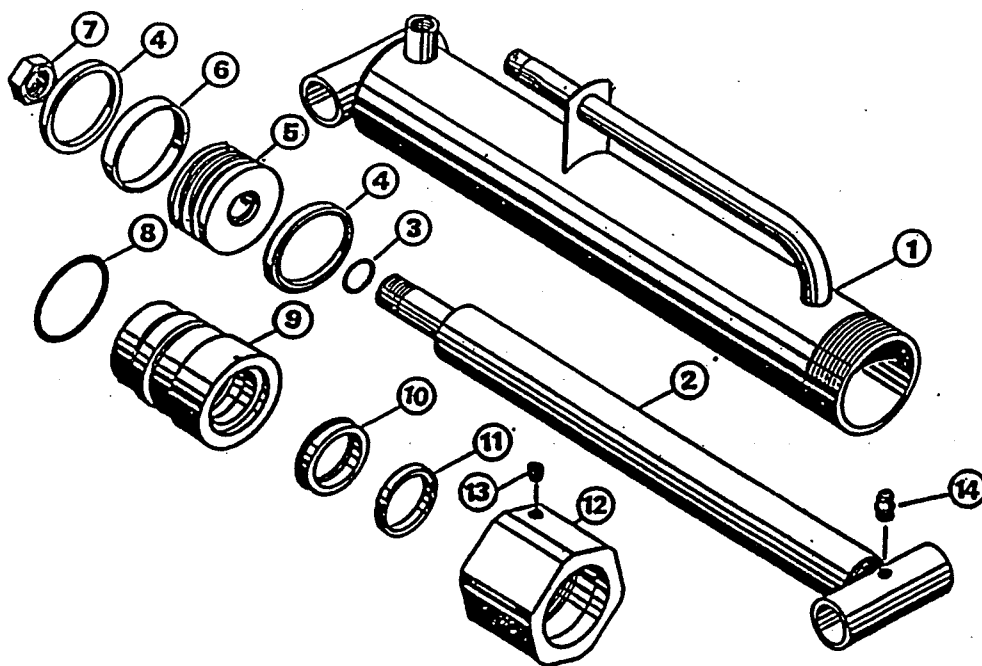


**HYDRAULIC CYLINDER
S2 SNAP RING TYPE**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			49	
1	25TU27	Tube Assembly - 2-1/2" x 48"	1	
2	10SH13	Shaft - 2" x 48"	1	
3	10CW1	Copper Washer	1	
4	25FP1	Filler Plate	2	
5	25CU1	Cup	2	
6	25BP1	Back-Up Plate	1	
7	10SW1	Star Washer	1	
8	10NU1	3/4" N.F. Nut	1	
9	30SP3	Spacer	1	
10	30SR2	Snap Ring	2	
11	10RW1	Reinforcing Washer	1	
	10VP5	V-Packing	1	
	10HP1	Head Plate	1	
	10GN1	1/4" - 28 Grease Nipple	1	
	10EL1	Elbow	1	

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			81	82
1	30TU6 30TU7	Tube Assembly - 10" Tube Assembly - 18"	1	1
2	10SH4	Shaft - 1-1/2" x 18"	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	3/4" N.F. Nut	1	1
9	30HP5	Head Plate	1	1
10	10OR3	O-Ring	1	1
11	10VP2	V-Packing	1	1
12	30HR4	Head Plate	1	1
13	30SR2	Snap Ring	2	2
14	30SP1 30SP2	Spacer Spacer	1	1
15	10GN1	1/4" - 28 Grease Nipple	2	2
16	10EL1	Elbow	1	1

MODEL 120 LOADER



HYDRAULIC CYLINDER
(for Model shipped 1992 and later, in Canada)
(for Model shipped 1991 and later, in U.S.A.)

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			49
1	25TU28	Tube Assembly - 2-1/2" x 48"	1
2	10SH13	Shaft - 2" x 48"	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	1
4	25CU2	U-Cups - 2-1/2" O.D. x 2" I.D. x 3/8"	2
5	25PB1	Piston - 2-1/2" O.D. x 3/4" I.D.	1
6	25WR1	Wear Ring - 2-1/2" O.D. x 2-1/4" I.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	10OR1	O-Ring - 2-1/2" O.D. x 2-1/4" I.D.	1
9	25HP6	Head Plate	1
10	10RS2	Rod Seal - 2-3/8" O.D. x 2" I.D.	1
11	10WS2	Wiper Seal - 2-3/8" O.D. x 2" I.D.	1
12	25HN1	Head Nut	1
13	10GN1	1/4" - 28 Grease Fitting	2
14	10SS1	Set Screw (for head nut)	1

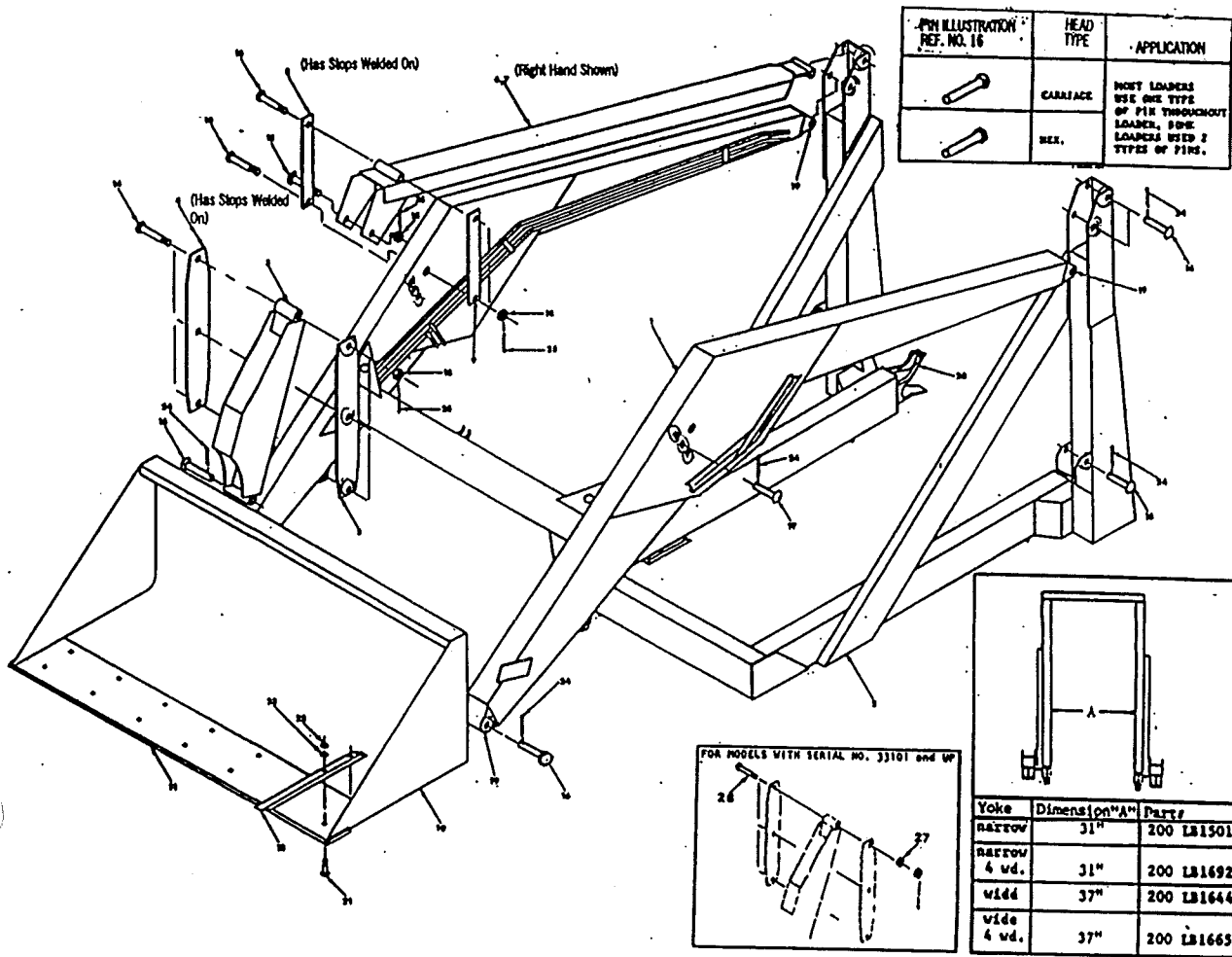
MODEL 120 LOADER CYLINDER REPAIR SEAL KIT CODES

CODE	25 = 2-1/2" bore 30 = 3" bore
PART NO.	2515N4
	N3 = outside nut type N4 = threaded head type S1 = snap ring type S1-A = snap ring type S2 = snap ring type
	15 = 1-1/2" shaft 20 = 2" shaft

CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE
2520S1A	2 - 25CU1 1 - 10VP5 2 - 30SR2	A-Cups V-Packing Snap Ring		49
3020S1	2 - 30CU1 1 - 10VP5 2 - 30SR2	A-Cups V-Packing Snap Ring		83
3015S2	2 - 30CU1 1 - 10VP2 1 - 100R3 2 - 30SR2	A-Cups V-Packing O-Ring (2-5/8" I.D. x 3" O.D.) Snap Ring		81, 82
2520N3	2 - 25CU1 1 - 10RS2 1 - 10WS2 1 - 100R1 1 - 100R9	A-Cups Rod Seal Wiper Seal O-Ring (2-1/4" I.D. x 2-1/2" O.D.) O-Ring (3/4" I.D. x 7/8" O.D.)		131
3015N4	2 - 30CU1 1 - 10RS1 1 - 10WS1 1 - 100R3 1 - 100R13	A-Cups Rod Seal Wiper Seal O-Ring (2-5/8" I.D. x 3" O.D.) O-Ring (1" I.D. x 1-1/4" O.D.)		135, 136, 137, 141
3020N4	2 - 30CU1 1 - 10RS2 1 - 10WS2 1 - 100R3 1 - 100R9	A-Cups Rod Seal Wiper Seal O-Ring (2-5/8" I.D. x 3" O.D.) O-Ring (3/4" I.D. x 7/8" O.D.)		140
3015UN4	2 - 30CU2 1 - 10RS1 1 - 10WS1 1 - 100R12 1 - 100R3	U-Cups Rod Seal Wiper Seal O-Ring (1" I.D. x 1-3/16" O.D.) O-Ring (2-5/8" I.D. x 3" O.D.)		144, 145
2520RN3	2 - 25CU2 1 - 10RS2 1 - 10WS2 1 - 100R9 1 - 100R1	U-Cups Rod Seal Wiper Seal O-Ring (3/4" I.D. x 7/8" O.D.) O-Ring (2-1/2" O.D. x 2-1/4" I.D.)		271
3020RN4	2 - 30CU2 1 - 100R3 1 - 10RS2 1 - 10WS2 1 - 100R21 1 - 30WR1	U-Cups (2-1/2" I.D. x 3" O.D. x 3/8") O-Ring (2-5/8" I.D. x 3" O.D.) Rod Seal (2" I.D. x 2-3/8" O.D. x 3/8") Wiper Seal (2" I.D. x 2-3/8" O.D. x 3/16") O-Ring (1" I.D. x 1-1/8" O.D.) Wear Ring (2-3/4" I.D. x 3" O.D. x 3/8")		264
3015RN4	1 - 100R9 2 - 30CU2 1 - 100R3 1 - 10RS1 1 - 10WS1 1 - 30WR1 1 - 100R21	O-Ring (3/4" I.D. x 7/8" O.D.) U-Cups (2-1/2" I.D. x 3" O.D. x 3/8") O-Rings (2-5/8" I.D. x 3" O.D.) Rod Seal (1-1/2" I.D. x 1-7/8" O.D. x 3/8") Wiper Seal (1-1/2" I.D. x 1-7/8" O.D. x 3/16") Wear Ring (2-3/4" I.D. x 3" O.D. x 3/8") O-Ring (1" I.D. x 1-1/8" O.D.)		265, 266

MODEL 125 LOADER



LOADER

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB1532	Main Frame Assembly c/w Pins (ref. no. 17)	1
2	LB1501	Narrow Yoke Assembly c/w Pins (ref. no. 16)	1
	LB1644	Wide Yoke Assembly c/w Pins (ref. no. 16)	1
3	LA1576	Bucket Push Arm Assembly	2
4	LA1585	Pivot Arm - outside	2
5	L1586	Pivot Arm - inside	2
6	LB1570	Self-levelling Channel Arm Assembly - right	1
7	LB1563	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 Assembly c/w Pins (ref. no. 16)	1
	LB1599	72" Bucket Assembly c/w Pins (ref. no. 16)	1
	LB1606	84" Bucket Assembly c/w Pins (ref. no. 16)	1
	LB1637	96" Bucket Assembly c/w Pins (ref. no. 10)	1
Back of Bucket	L1595	Square Hole Bucket attaching lug (weld-on)	
	L1596	Round Hole Bucket attaching lug (weld-on)	
11	L41	60" Bucket Blade (weld-on)	1
	L42	72" Bucket Blade (weld-on)	1
	L43	84" Bucket Blade (weld-on)	1
	L1638	96" Bucket Blade (weld-on)	1
	L51	Bucket Tooth (short)	7-8-10-11
	L52	Bucket Tooth (long)	7-8-10-11
13	L89	1" x 7" Hex Head Bolt (drilled for cotter pin)	4

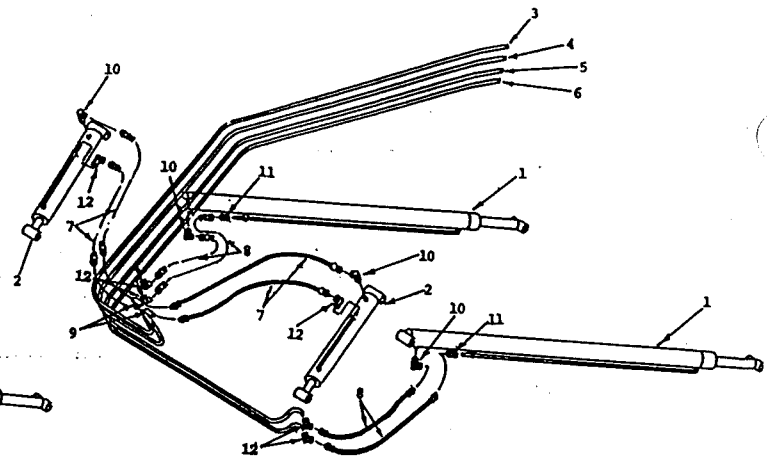
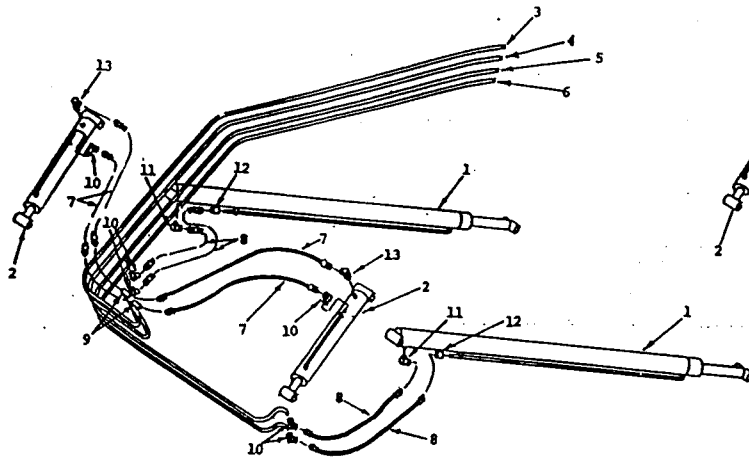
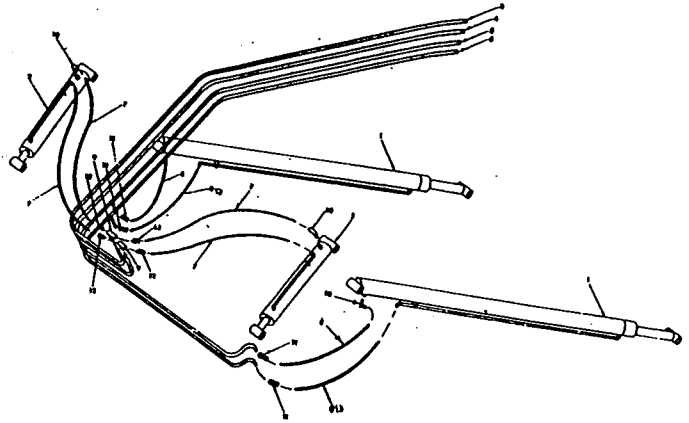
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
14	L1587	1" x 6" Hex Head Bolt (drilled for cotter pin) (replaced by 1" x 6-1/2" N.C. hex head bolt #L2244 and 2" O.D. x 1-1/16" x 1/2" spacer #L2264)	6
15	L1630	1" x 5-1/2" N.C. Hex Head Bolt (drilled for cotter pin)	2
16	L1	1" x 5-1/2" Carriage Head Pin	*
	L2266	1" x 5-7/8" Hex Head Pin	*
17	L1561	1" x 5-1/8" Carriage Head Pin (drilled for cotter pin and grease fitting)	2
18	L1574	1" N.C. Slotted Hex Nut	12
19	L10	Hinge Block (weld-on)	4
20	L30	Jaw Assembly - Narrow Yoke (weld-on)	2
	L1640	Jaw Assembly - Wide Yoke (weld-on)	2
21	L57	7/16" x 2-1/4" N.C. Carriage Head Bolt c/w nut and lockwasher	14-16-20-22
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 Pin	12
25		3/16" x 1-1/2" Cotter Pin	12
	10GN1	1/4" - 28 Grease Fitting	18
26	L2244	1" x 6-1/2" N.C. Hex Head Bolt (drilled for cotter pin) - for Loaders with serial no. 33101 and up	6
27	L2264	2" x 1-1/16" LD. x 1/2" Thick Spacer Washer - for Loaders with serial no. 3301 and up	6

* AS REQUIRED

MODEL 125 LOADER

HYDRAULIC SYSTEM (for Models with serial no. prior to 5426)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1599	Bottom 4 Hydraulic Oil Line	1
4	L1558	Bottom 3 Hydraulic Oil Line	1
5	L1555	Bottom 2 Hydraulic Oil Line	1
6	L1552	Bottom 1 Hydraulic Oil Line	1
7	H30	3/8" x 30" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	2
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
13	H19	3/8" x 19" Hydraulic Hose	6
	10GN1	1/4" - 28 Grease Fitting	2



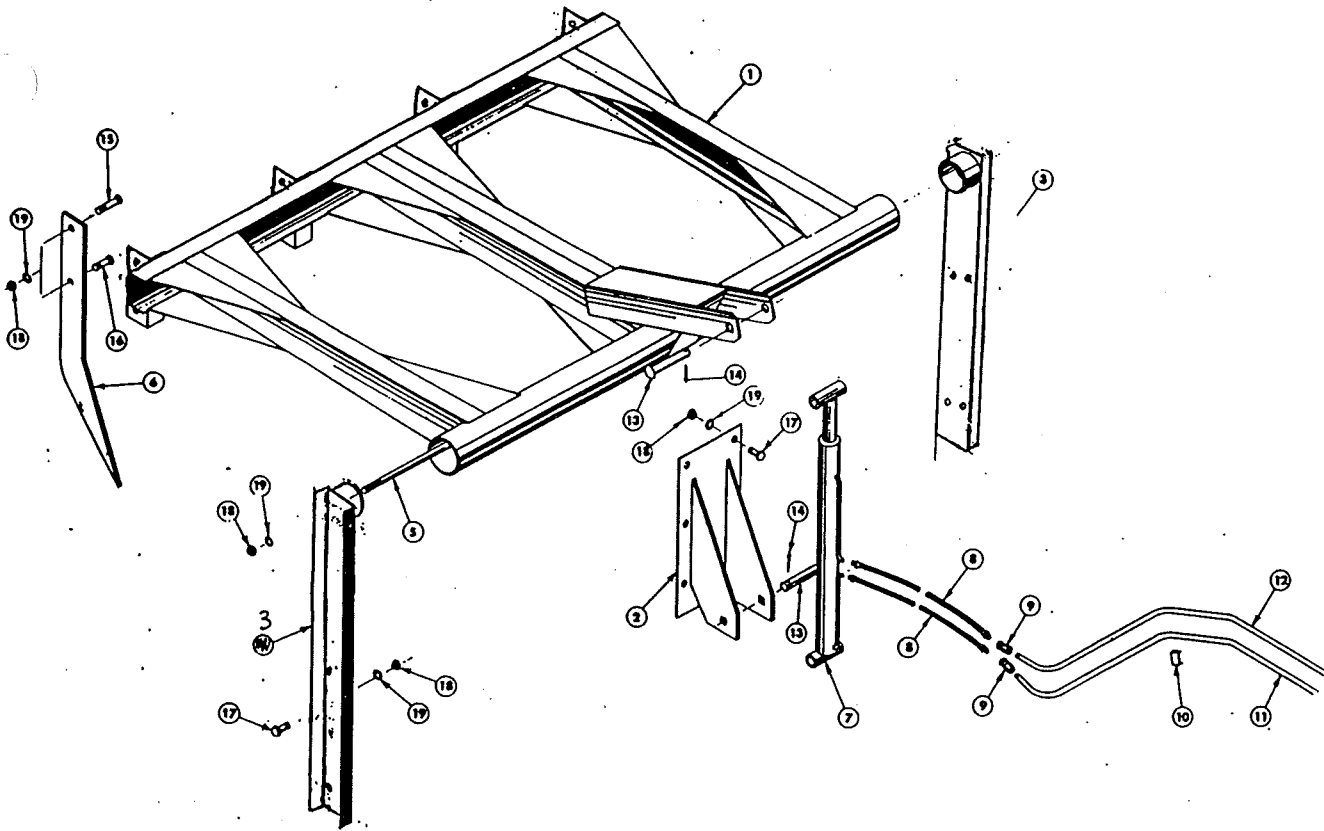
HYDRAULIC SYSTEM (for Models with serial no. 32116 to 32437)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1599	Bottom 4 Hydraulic Oil Line	1
4	L1558	Bottom 3 Hydraulic Oil Line	1
5	L1555	Bottom 2 Hydraulic Oil Line	1
6	L1552	Bottom 1 Hydraulic Oil Line	1
7	H30	3/8" x 31" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	4
9	L1617	3/8" Tee Joint	2
10	L1618	3/8" x 90 degree Swivel Elbow	6
11	L29	3/8" x 90 degree Street Elbow (steel)	2
12	L1619	3/8" Coupler	2
13	H19	3/8" x 90 degree Swivel Street Elbow	2
	10GN1	1/4" - 28 Grease Fitting	8

HYDRAULIC SYSTEM or Model with serial no. #32437 and up)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Lift Cylinder - See Cylinder Parts List Instructions	2
2		Bucket Cylinder - See Cylinder Parts List Instructions	2
3	L1599	Bottom 4 Hydraulic Oil Line	1
4	L1558	Bottom 3 Hydraulic Oil Line	1
5	L1555	Bottom 2 Hydraulic Oil Line	1
6	L1552	Bottom 1 Hydraulic Oil Line	1
7	H31	3/8" x 31" Hydraulic Hose	4
8	H23	3/8" x 23" Hydraulic Hose	4
9	L1617	3/8" Tee Joint	2
10	DL9769	3/8" x 90 degree Swivel Street Elbow	4
11	L29	3/8" Female-Female Swivel	2
12	DL5284	3/8" x 90 degree Swivel Female-Female Elbow	6
	10GN1	1/4" - 28 Grease Fitting	8

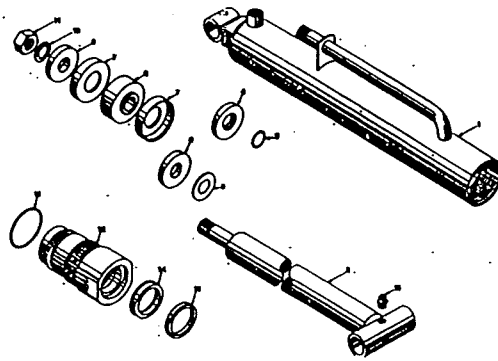
MODEL 546, 606 & 726 GRAPPLE FORK



GRAPPLE FORK ATTACHMENT (FITS MODEL 60-60W LOADERS)

REF. NO.	PART. NO.	DESCRIPTION	QTY. REQ'D		
			546	606	726
1	LA1168 LA1169 LA1170	54" Frame Assembly 60" Frame Assembly 72" Frame Assembly	1	1	1
2	LA1183	Cylinder Lug Assembly	1	1	1
3	LA1181	Support Assembly	1	1	1
5	L1186 L1187 L1188	Tie Rod - 54" Grapple Tie Rod - 60" Grapple Tie Rod - 72" Grapple	1	1	1
6	L1160	Tooth	4	4	4
7	155	1-3/4" x 12" Hydraulic Cylinder	1	1	1
8	L2907	Hydraulic Hose - 3/8" x 36"	2	2	2
9	L29	3/8" Female Swivel Adapter	2	2	2
10	L1056	Oil Line Retainer	2	2	2
11	L1193	Bottom Oil Line - Model 60, 60W Loaders	1	1	1
12	L1192	Top Oil Line - Model 60, 60	1	1	1
13	L667	3/4" x 3-3/4" Pin	2	2	2
STANDARD HARDWARE					
14		3/16" x 1" Cotter Pin	2	2	2
15		1/2" x 2" N.C. Hex Bolt	4	4	4
16		1/2" x 1-1/2" N.C. Hex Bolt	4	4	4
17		1/2" x 1-1/4" N.C. Hex Bolt	14	14	14
18		1/2" N.C. Hex Nut	22	22	22
19		1/2" Medium Lockwasher	2	2	2
	10GN1	Grease Nipple - 1/4" - 28	2	2	2

MODEL 546, 606 & 726 GRAPPLE FORK



HYDRAULIC CYLINDER N5 THREADED HEAD TYPE

REF.NO.	PART. NO.	DESCRIPTION	CYLINDER CODE NO. 155 QTY. REQ'D
1	20TU28	Tube Assembly - 2" x 12"	1
2	10SH15	Shaft - 1" x 12"	1
3	10OR9	O-Ring - 1/16" x 7/8" O.D. (Not Required If Copper Washer, Ref. No. 5, is Used)	*
4	20FP2	Filler Plate - With Machined Seal For O-Ring, Ref. No. 3	*
5	10CW1	Copper Washer - (Not Required If O-Ring, Ref. No. 3, is Used)	*
6	20FP1	Filler Plate - Used With Copper Washer, Ref. No. 5	*
7	20CU1	Cup - 2" O.D.	
8	20BP1	Back-Up Plate	1
9	20FP1	Filler Plate	1
10	10SW1	Star Washer - 3/4" I.D. (Not Required if Locknut, Ref. No. 11, is Used)	*
11	10NU1	Nut - 3/4" N.F. (Star Washer, Ref. No.10, Required)	*
12	20HP7	Head Plate	1
13	10OR4	O-Ring - 1/8" x 2" O.D.	1
14	10RS4	Rod Seal - 1" I.D.	1
15	10WS4	Wiper Seal - 1" I.D.	1
16	10GN1	1/4" - 28 Grease Fitting	2

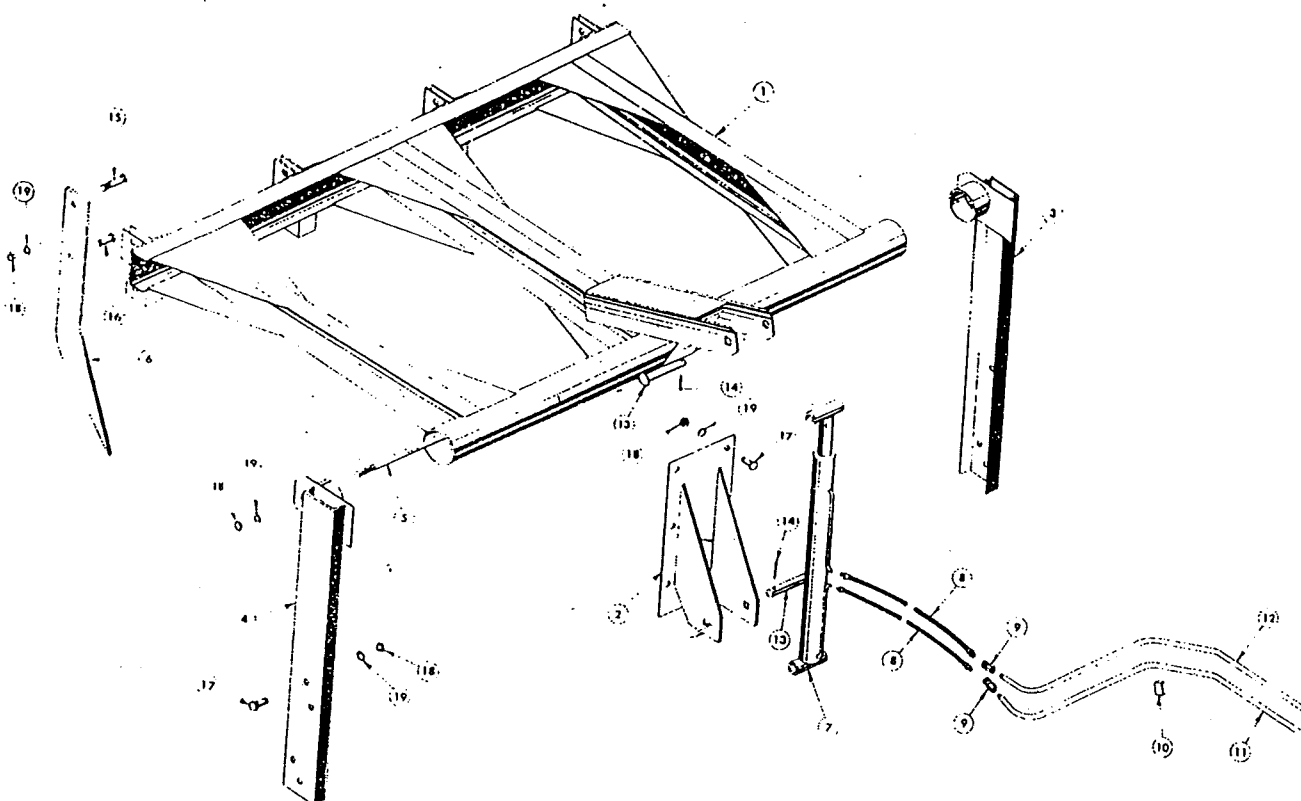
EZEE-ON CYLINDER REPAIR SEAL KIT CODES

Code	17 = 1-3/4" Bore 20 = 2" Bore 22 = 2-1/4" Bore
Part No.	2015N5 N5 = Threaded Head Type N5-A = Threaded Head Type N6 = Threaded Head Type 10 = 1" Shaft 15 = 1-1/2" Shaft

CYLINDER SEAL KIT

KIT NO.	CONTENTS	FITS CYLINDER CODE NO.
2010 N5	2 - 20CU1 Cups 1 - 10OR4 O-Ring 1 - 10RS4 Rod Seal 1 - 10WS4 Wiper Seal 1 - 10OR9 O-Ring	155

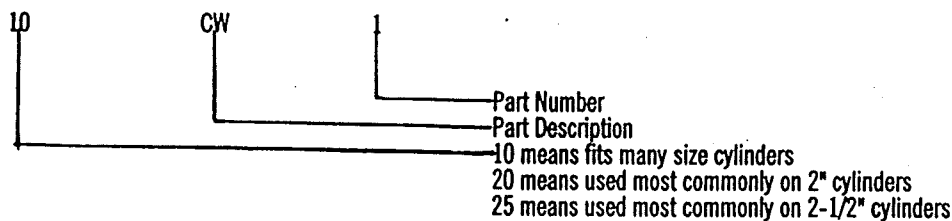
601-721-841-961 GRAPPLE FORK



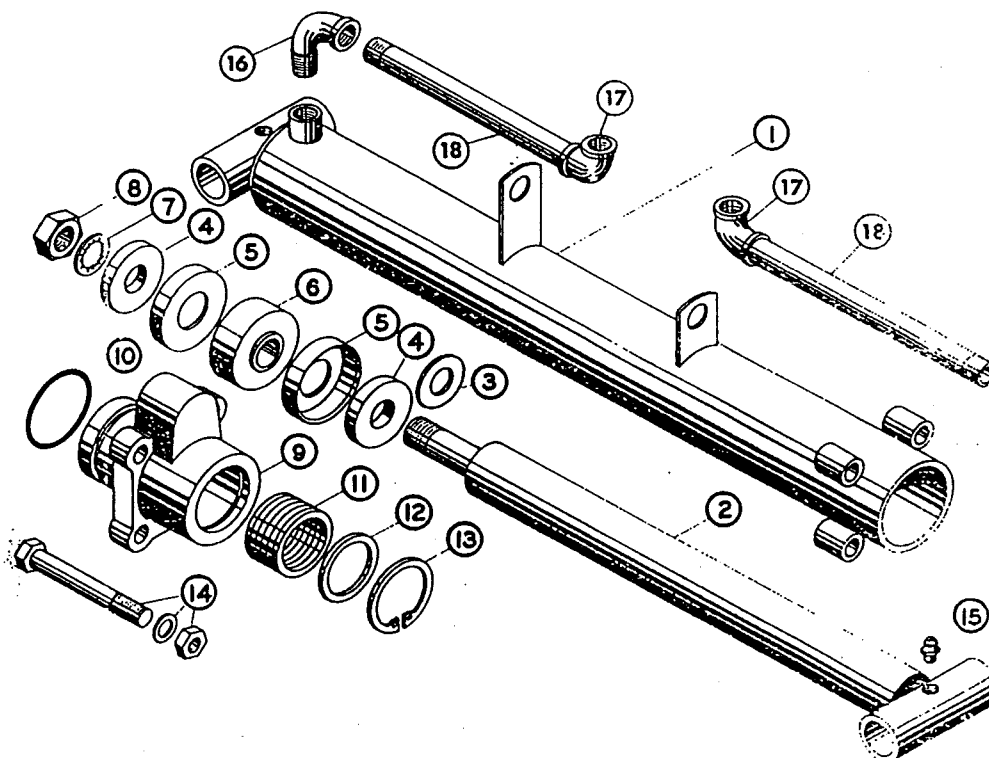
GRAPPLE FORK ATTACHMENT

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D			
			601	721	841	961
1	LA1101 LA1102 LA1103 LA1136	60" Frame Assembly 72" Frame Assembly 84" Frame Assembly 96" Frame Assembly	1	1	1	1
2	LA1106	Cylinder Lug Assembly	1	1	1	1
3	LA1151	Support Assembly R.H.	1	1	1	1
4	LA1152	Support Assembly L.H.	1	1	1	1
5	L1155 L1156 L1157 L1139	Tie Rod - 60" Grapple Tie Rod - 72" Grapple Tie Rod - 84" Grapple Tie Rod - 96" Grapple	1	1	1	1
6	L1160	Tooth	4	4	5	5
7		Hydraulic Cylinder - See Instructions	1	1	1	1
8	H40 L29	Hydraulic Hose - 3/8" x 40" 3/8" Female Swivel Adapter	2	2	2	2
	L1056	Oil Line Retainer	2	2	2	2
11	L1053	Bottom Oil Line - Model 80-100-105 Loaders	1	1	1	1
	L1096	Bottom Oil Line - Model 120-125 Loaders	1	1	1	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D			
			601	721	841	961
12	L1054	Top Oil Line - Model 80-100-105 Loaders	1	1	1	1
	L1097	Top Oil Line - Model 120-125 Loaders	1	1	1	1
13	L1	1" x 5-1/2" Carriage Head Pin	2	2	2	2
		<u>STANDARD HARDWARE</u>				
14		1/4" x 1-1/2" Cotter Pin	2	2	2	2
15		1/2" x 2" N.C. Hex Bolt	4	4	5	5
16		1/2" x 1-1/2" N.C. Hex Bolt	4	4	5	5
17		1/2" x 1-1/4" N.C. Hex Bolt	14	14	14	14
18		1/2" N.C. Hex Nut	24	24	26	26
19		1/2" Medium Lockwasher	24	24	26	26
	10GN1	Grease Nipple - 1/4" - 28	2	2	2	2
		<u>PAINT</u>				
	L001	Eze-On Yellow Paint 1 Quart				
	L002	Eze-On Yellow Paint 1/2 Pint				
	L003	Eze-On Yellow Paint Spray Bomb				

EZEE-ON CYLINDER PART NUMBER CODEGRAPPLE CYLINDER SPECIFICATIONS

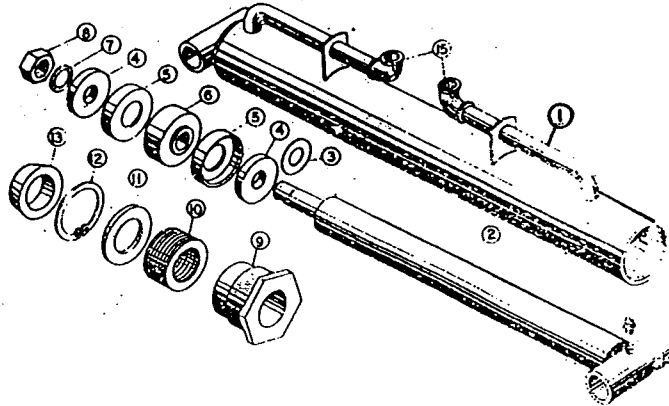
CODE NO.	DIAMETER	STROKE	C.C. LENGTH	SHAFT DIAMETER	TYPE
33	2-1/2"	18"	26-1/2"	1-1/2"	B
11	2"	18"	26-1/2"	1-3/8"	N1
13	2"	18"	26-1/2"	1-1/2"	N1
160	2"	18"	26-1/2"	1-1/2"	N5
10	2"	18"	26-1/2"	1-3/8"	S1
12	2"	18"	26-1/2"	1-1/2"	S1
34	2-1/2"	18"	26-1/2"	1-1/2"	S2

B BOLT-ON HEAD TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	25TU22	Tube Assembly - 2-1/2" x 18"	1
2	10SH4	Shaft - 1-1/2" x 18"	1
3	10CW1	Copper Washer	1
4	25FP1	Filler Plate	2
5	25CU1	Cup	2
6	25BP1	Back-Up Plate	1
7	10SW1	Star Washer - 3/4" I.D.	1
8	10NU1	Nut - 3/4" N.F.	1
9	25HP2	Head Plate	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
10	10OR1	O-Ring	1
11	10VP2	V-Packing	1
12	10WA2	Washer	1
13	20SR1	Snap Ring	1
14		1/2" x 4" N.C. Bolt c/w Nut and Lockwasher	4
15	10GN1	Grease Nipple - 1/4" - 28	2
16	L1618	Elbow	1
17	10EL1	Elbow	2
18	10OL3	Oil Line	2

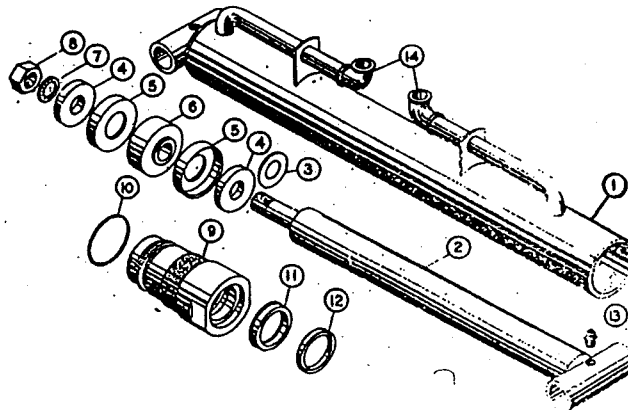
601-721-841-961 GRAPPLE FORK



N1 NUT TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.	
			11 QTY. REQ'D	13 QTY. REQ'D
1	20TU32	Tube Assembly - 2" x 18", 100 Bucket Cylinder Tube # 20TU22 can also be used. Hydraulic hoses must be extended when tube # 20TU22 is used.	1	1
2	10SH2 10SH4	Shaft - 1-3/8" x 18" Shaft - 1-1/2" x 18"	1	1
3	10CW1	Copper Washer	1	1
4	20FP1	Filter Plate	2	2
5	20CU1	Cup	2	2
6	20BP1	Back-Up Plate	1	1
	10SW1	Star Washer - 3/4" I.D.	1	1
	10NU1	Nut - 3/4" N.F.	1	1
	20HP3	Head Plate	1	1
	20HP4	Head Plate	1	1

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.	
			11 QTY. REQ'D	13 QTY. REQ'D
10	10VP1 10VP2	Y-Packing Y-Packing	1	1
11	10WA1 10WA2	Washer Washer	1	1
12	20SR1	Snap-ring	1	1
13	20SP2 20SP5	Spacer Spacer	1	1
14	10GN1	Grease Nipple - 1/4" - 28	2	2
15	10EL1	Elbow	2	2

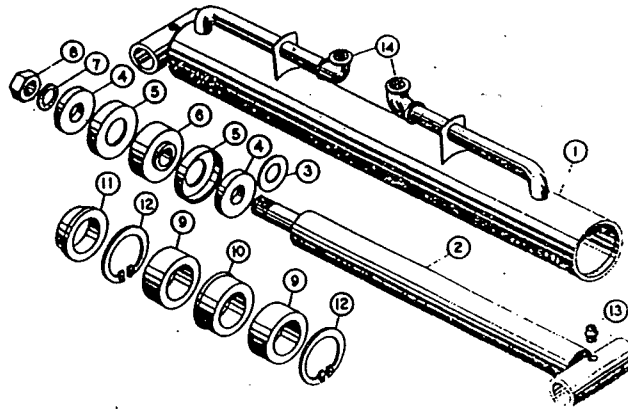


N5 THREADED HEAD TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.
			160 QTY. REQ'D
	25TU33	Tube Assembly - 2" x 18"	1
	10SH4	Shaft - 1-1/2" x 18"	1
	10CW1	Copper Washer	1
4	20FP1	Filter Plate	2
5	20CU1	Cup	2
6	20BP1	Back-Up Plate	1
7	10SW1	Star Washer - 3/4" I.D.	1

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.
			160 QTY. REQ'D
8	10NU1	Nut - 3/4" N.F.	1
9	25HP2	Head Plate	1
10	10OR4	O-Ring	1
11	10RS1	Rod Seal	1
12	10WS1	Wiper Seal	1
13	10GN1	Grease Nipple	2
14	10EL1	Elbow	2

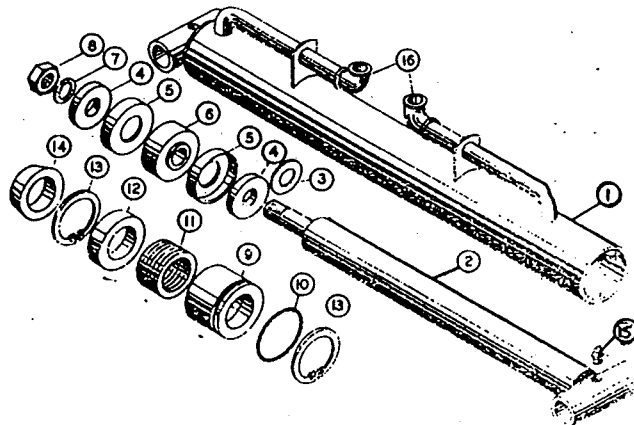
601-721-841-961 GRAPPLE FORK



S1 SNAP RING TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.	
			10 QTY. REQ'D	12 QTY. REQ'D
1	20TU8	Tube Assembly - 2" x 18" - 100 Bucket Cylinder Tube # 20TU22 can also be used. Hydraulic hoses must be extended when tube #20TU22 is used.	1	1
2	10SH2 10SH4	Shaft - 1-3/8" x 18" Shaft - 1-1/2" x 18"	1	1
3	10CW1	Copper Washer	1	1
4	20FP1	Filler Plate	2	2
5	20CU1	Cup	2	2
6	20BP1	Back-Up Plate	1	1
7	10SW1	Star Washer - 3/4" I.D.	1	1
8	10NU1	Nut - 3/4" N.F.	1	1
9	20HP1 20HP2	Head Plate Head Plate	2	2

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.	
			10 QTY. REQ'D	12 QTY. REQ'D
10	10VP1 10VP2	V-Packing V-Packing	1	1
11	20SP2 20SP5	Spacer Spacer	1	1
12	20SR1	Snap Ring	2	2
13	10GN1	Grease Nipple	2	2
14	10EL1	Elbow	2	2



S2 SNAP RING TYPE CYLINDER

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.
			34 QTY. REQ'D
1	20TU9	Tube Assembly - 2" x 18" - 100 Bucket Cylinder Tube # 25TU2 can also be used. Hydraulic hoses must be extended when tube #25TU2 is used.	1
2	10SH4	Shaft - 1-1/2" x 18"	1
3	10CW1	Copper Washer	1
4	25FP1	Filler Plate	2
5	25CU1	Cup	2
6	25BP1	Back-Up Plate	1
7	10SW1	Star Washer - 3/4" I.D.	1

REF. NO.	PART NO.	DESCRIPTION	Cylinder Code No.
			34 QTY. REQ'D
8	10NU1	Nut - 3/4" I.D.	1
9	25HP4	Head Plate	1
10	10OR1	O-Ring	1
11	10VP1	V-Packing	1
12	25HR2	Head Ring	1
13	25SR1	Snap Ring	2
14	25SP2	Spacer	2
15	10GN1	Grease Nipple - 1/4" - 28	2
16	10EL1	Elbow	2

601-721-841-961 GRAPPLE FORK

EZEE-ON CYLINDER REPAIR SEAL KIT CODES

CODE

20 = 2" Bore
25 = 2-1/2" Bore

PART NO.

2515B

B = Cast bolt-on head type
N1 = Nut type
N5 = Threaded head type
S1 = Snap Ring Type
S2 = Snap Ring Type

13 = 1-3/8" Shaft
15 = 1-1/2" Shaft

GRAPPLE CYLINDER SEAL KITS

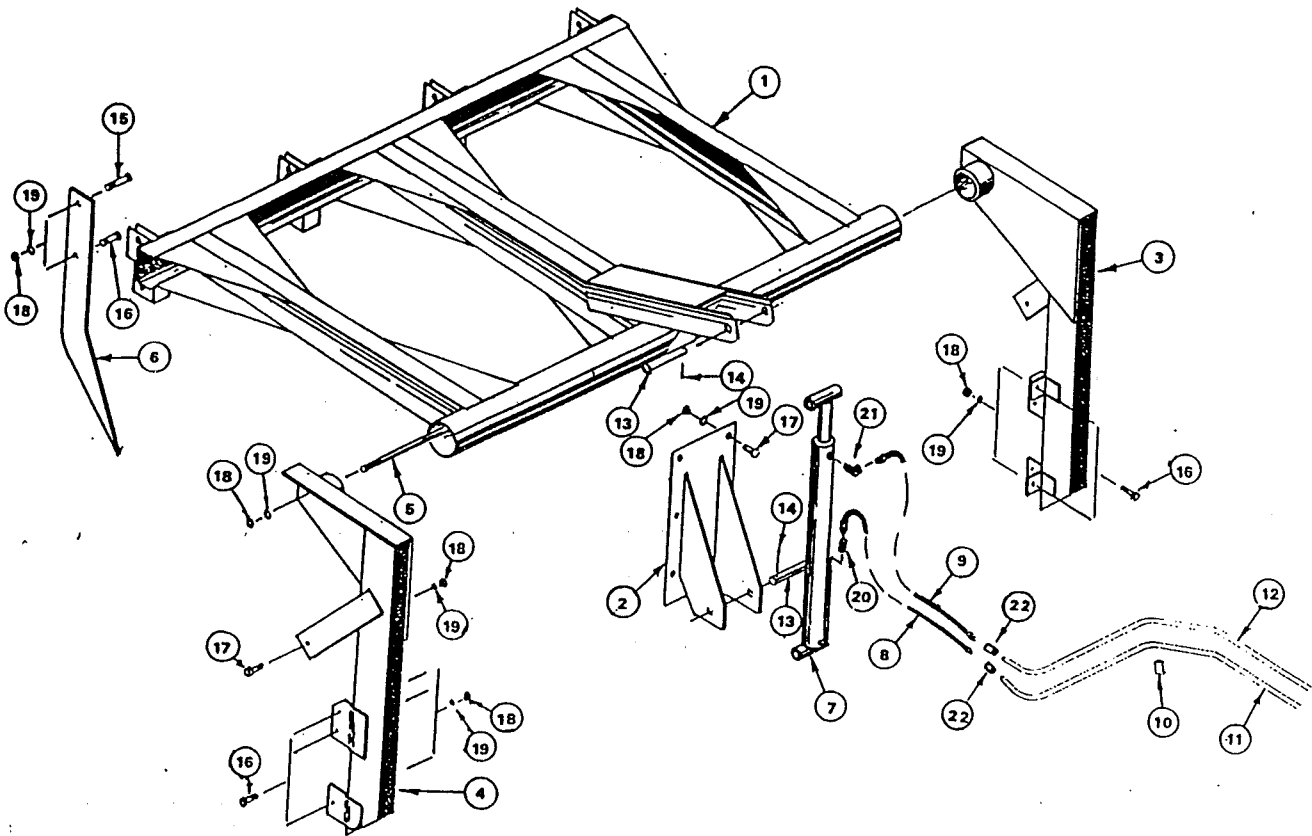
KIT NO.	CONTENTS	FITS CYLINDER CODE NO.
2515B	2 - 25CU1 Cups 1 - 20SR1 Snap Ring 1 - 10VP2 V-Packing 1 - 10WA2 Washer 1 - 10OR10 O-Ring	33
2013N1	2 - 20CU1 Cups 1 - 10VP1 V-Packing 1 - 20SR1 Snap Ring	11
2015N1	2 - 20CU1 Cups 1 - 10VP2 V-Packing 1 - 20SR1 Snap Ring	13
2015N5	2 - 20CU1 Cups 1 - 10OR4 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	160
2013S1	2 - 20CU1 Cups 1 - 10VP1 V-Packing 2 - 20SR1 Snap Rings	10
2015S1	2 - 20CU1 Cups 1 - 10VP2 V-Packing 2 - 20SR1 Snap Rings	12
2515S2	2 - 25CU1 Cups 1 - 10OR1 O-Ring 1 - 10VP2 V-Packing 2 - 25SR1 Snap Rings	34

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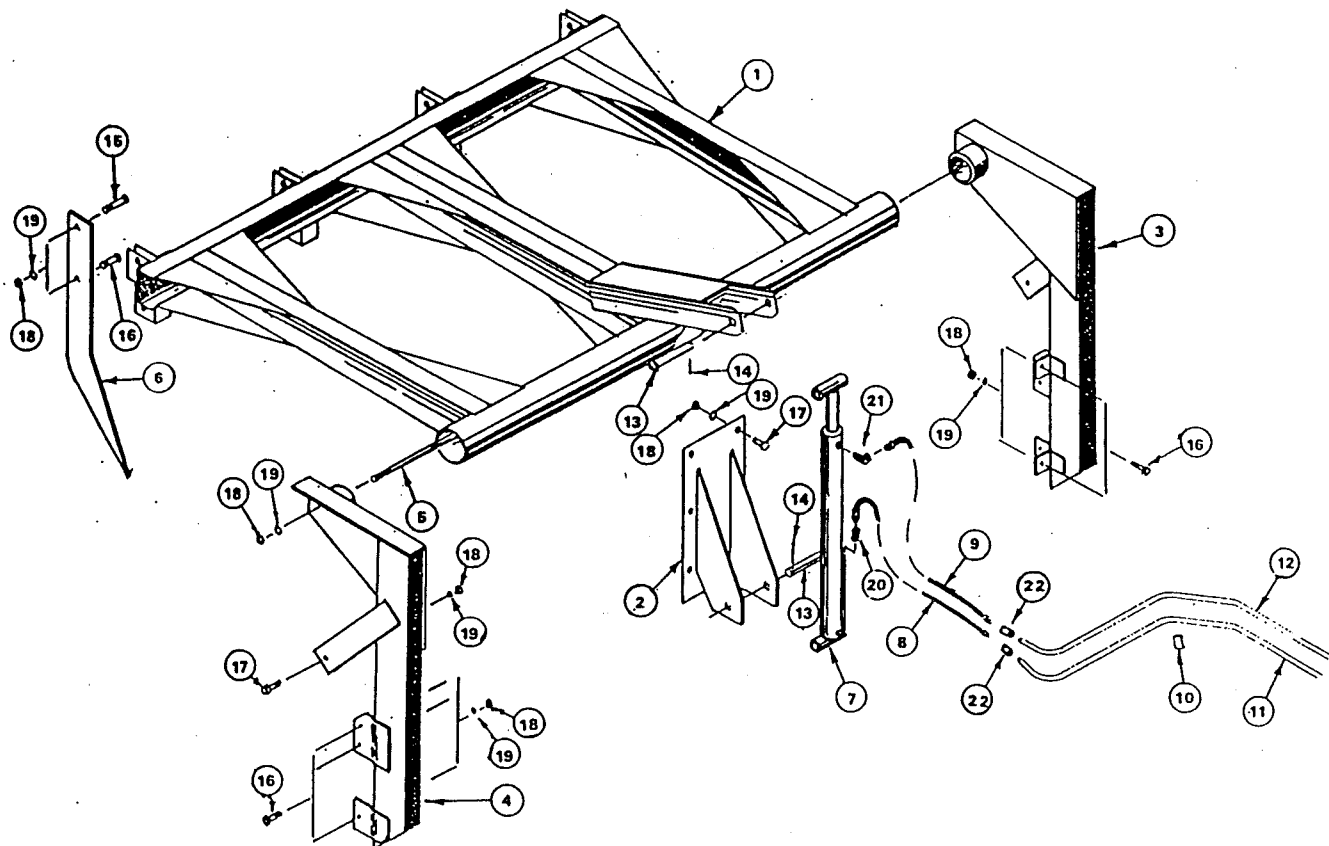
602-722-842-962 GRAPPLE FORK



GRAPPLE FORK ATTACHMENT (FOR MODELS EQUIPPED WITH HYDRAULIC CYLINDER #164)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D			
			602	722	842	962
1	LA1101 LA1102 LA1103 LA1136	60" Frame Assembly 72" Frame Assembly 84" Frame Assembly 96" Frame Assembly	1	1	1	1
2	LA1106	Cylinder Lug Assembly	1	1	1	1
3	LA1194	Support Assembly R.H.	1	1	1	1
4	LA1195	Support Assembly L.H.	1	1	1	1
5	L1155 L1156 L1157 L1139	Tie Rod - 60" Grapple Tie Rod - 72" Grapple Tie Rod - 84" Grapple Tie Rod - 96" Grapple	1	1	1	1
6	L1160	Tooth	4	4	5	5
7	164	2" x 18" Hydraulic Cylinder	1	1	1	1
8	H64	3/8" x 64" - Hydraulic Hose - Model 80-90-100-101-110-115-120-125	2	2	2	2
	H70	3/8" x 70" Hydraulic Hose - Model 110E-115E	2	2	2	2
9	L29	3/8" Female Swivel Adapter	2	2	2	2
10	L1056	Oil Line Retainer	2	2	2	2
11	L1053	Bottom Oil Line - Model 80-90-100 Loaders	1	1	1	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D			
			602	722	842	962
11	L1096	Bottom Oil Line - Model 120-125 Loaders	1	1	1	1
	L1198	Bottom Oil Line - Model 110-115 Loaders	1	1	1	1
12	L1054	Top Oil Line - Model 80-100-105 Loaders	1	1	1	1
	L1097	Top Oil Line - Model 120-125 Loaders	1	1	1	1
	L1197	Top Oil Line - Model 110-115 Loaders	1	1	1	1
13	L1	1" x 5-1/2" Carriage Head Pin	2	2	2	2
		STANDARD HARDWARE				
14		1/4" x 1-1/2" Cotter Pin	2	2	2	2
15		1/2" x 2" N.C. Hex Bolt	4	4	5	5
16		1/2" x 1-1/2" N.C. Hex Bolt	14	14	15	15
17		1/2" x 1-1/4" N.C. Hex Bolt	8	8	8	8
18		1/2" N.C. Hex Nut	28	28	30	30
19		1/2" Lockwasher	28	28	30	30
	10GN1	Grease Nipple - 1/4" - 28	4	4	4	4
20	DL5283	3/8" x 90 Degree Street Elbow	2	2	2	2



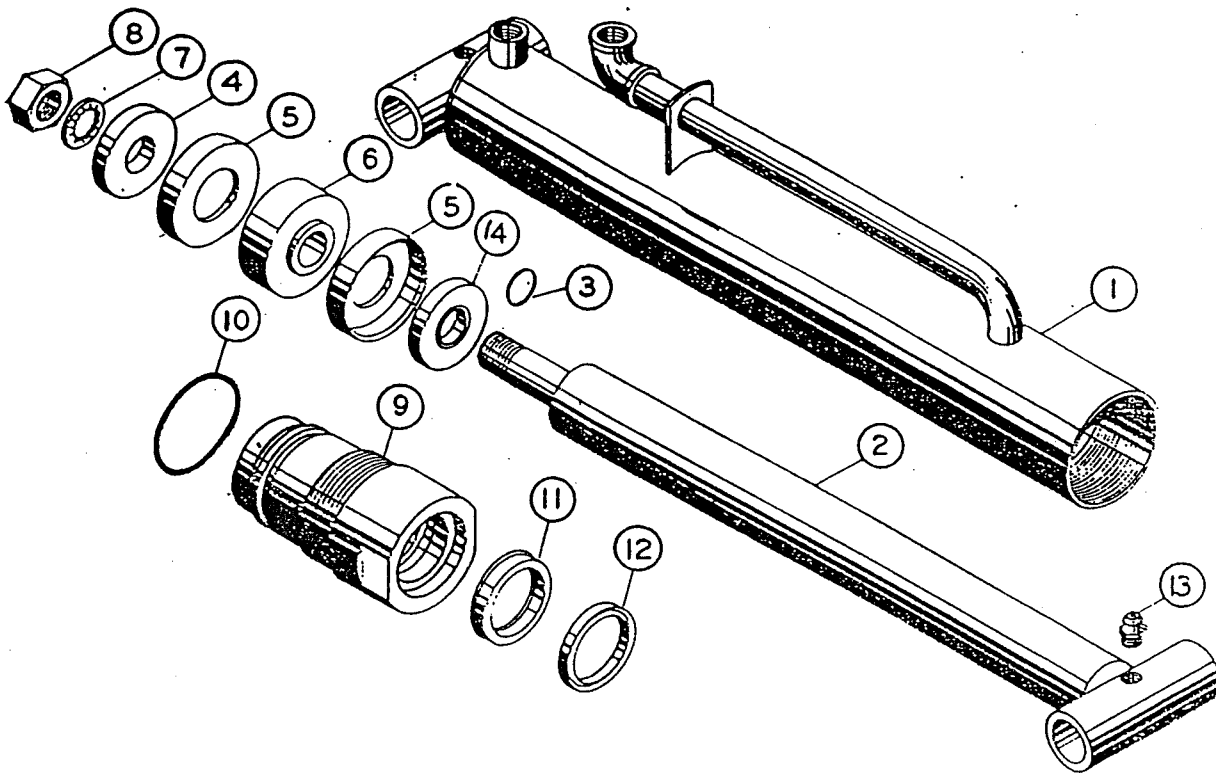
**GRAPPLE FORK ATTACHMENT
(FOR MODELS EQUIPPED WITH HYDRAULIC CYLINDER #243)**

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D			
			602	722	842	962
1	LA1101 LA1102 LA1103 LA1136	60° Frame Assembly 72° Frame Assembly 84° Frame Assembly 96° Frame Assembly	1	1	1	1
2	LA1106	Cylinder Lug Assembly	1	1	1	1
3	LA1194	Support Assembly R.H.	1	1	1	1
4	LA1195	Support Assembly L.H.	1	1	1	1
5	L1155 L1156 L1157 L1139	Tie Rod - 60° Grapple Tie Rod - 72° Grapple Tie Rod - 84° Grapple Tie Rod - 96° Grapple	1	1	1	1
6	L1160	Tooth	4	4	5	5
7	243	2" x 18" Hydraulic Cylinder	1	1	1	1
8	H78	3/8" x 78" - Hydraulic Hose - Models 80-90-100-101-110-115-120-125	*	*	*	*
	H84	3/8" x 84" Hydraulic Hose - Models 110E-115E	*	*	*	*
9	H84	3/8" x 84" Hydraulic Hose - Models 80-90-100-101-110-115-120-125	*	*	*	*
	H90	3/8" x 90" Hydraulic Hose - Models 110E-115E	*	*	*	*
10	L1056	Oil Line Retainer	2	2	2	2
11	L1053	Bottom Oil Line - Model 80-90-100-101 Loaders	1	1	1	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D			
			602	722	842	962
11	L1096	Bottom Oil Line - Model 120-125 Loaders	1	1	1	1
	L1198	Bottom Oil Line - Model 110-115-110E-115E Loaders	1	1	1	1
12	L1054	Top Oil Line - Model 80-90-100-105 Loaders	1	1	1	1
	L1097	Top Oil Line - Model 120-125 Loaders	1	1	1	1
	L1197	Top Oil Line - Model 110-115 Loaders	1	1	1	1
13	L1	1" x 5-1/2" Carriage Head Pin	2	2	2	2
		STANDARD HARDWARE				
14		1/4" x 1-1/2" Cotter Pin	2	2	2	2
15		1/2" x 2" N.C. Hex Bolt	4	4	5	5
16		1/2" x 1-1/2" N.C. Hex Bolt	14	14	15	15
17		1/2" x 1-1/4" N.C. Hex Bolt	8	8	8	8
18		1/2" N.C. Hex Nut	28	28	30	30
19		1/2" Lockwasher	28	28	30	30
20	L29	3/8" Female-Female Swivel Adapter	1	1	1	1
21	DL9769	3/8" x 90 Degree Swivel Street Elbow	1	1	1	1
22	DL5280	3/8" Coupler	2	2	2	2
	10GN1	1/4" - 28 Grease Nipple	4	4	4	4

* As Required

602-722-842-962 GRAPPLE FORK



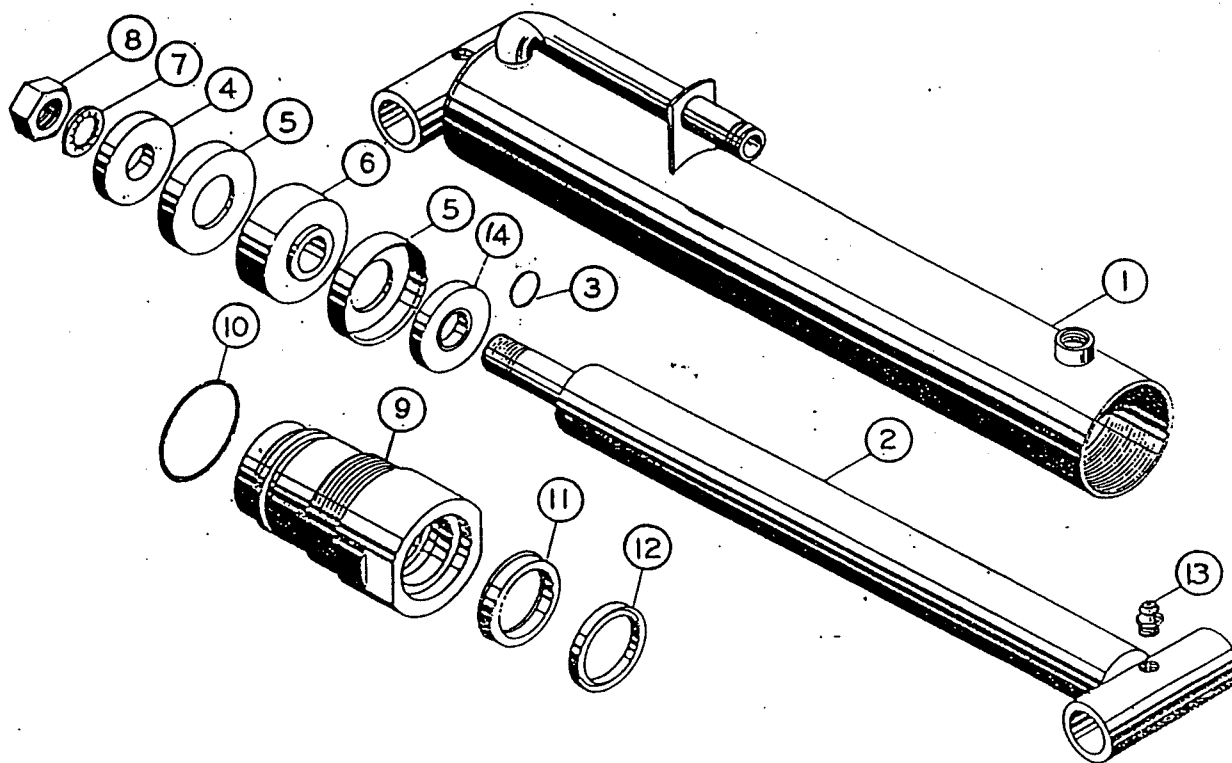
HYDRAULIC CYLINDER

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.
			164 QTY. REQ'D
1	25TU26	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring	1
4	20FP1	Filler Plate	1
5	20CU1	Cup	2
6	20BP1	Back-Up Plate	1
7	10SW1	Star Washer	1

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.
			164 QTY. REQ'D
8	10NU1	Nut - 3/4" N.F.	1
9	20HP8	Head Plate	1
10	10OR4	O-Ring	1
11	10RS5	Rod Seal	1
12	10WS5	Wiper Seal	1
13	10GN1	Grease Nipple	2
14	20FP2	Filler Plate	1
	10EL1	Elbow (on tube assembly)	1

CYLINDER SEAL KIT

KIT NO.	CONTENT	
2012N5	2 - 20CU1	Cups
	1 - 10OR9	O-Ring
	1 - 10OR4	O-Ring
	1 - 10ORS5	Rod Seal
	1 - 10WS5	Wiper Seal



HYDRAULIC CYLINDER ASSEMBLY

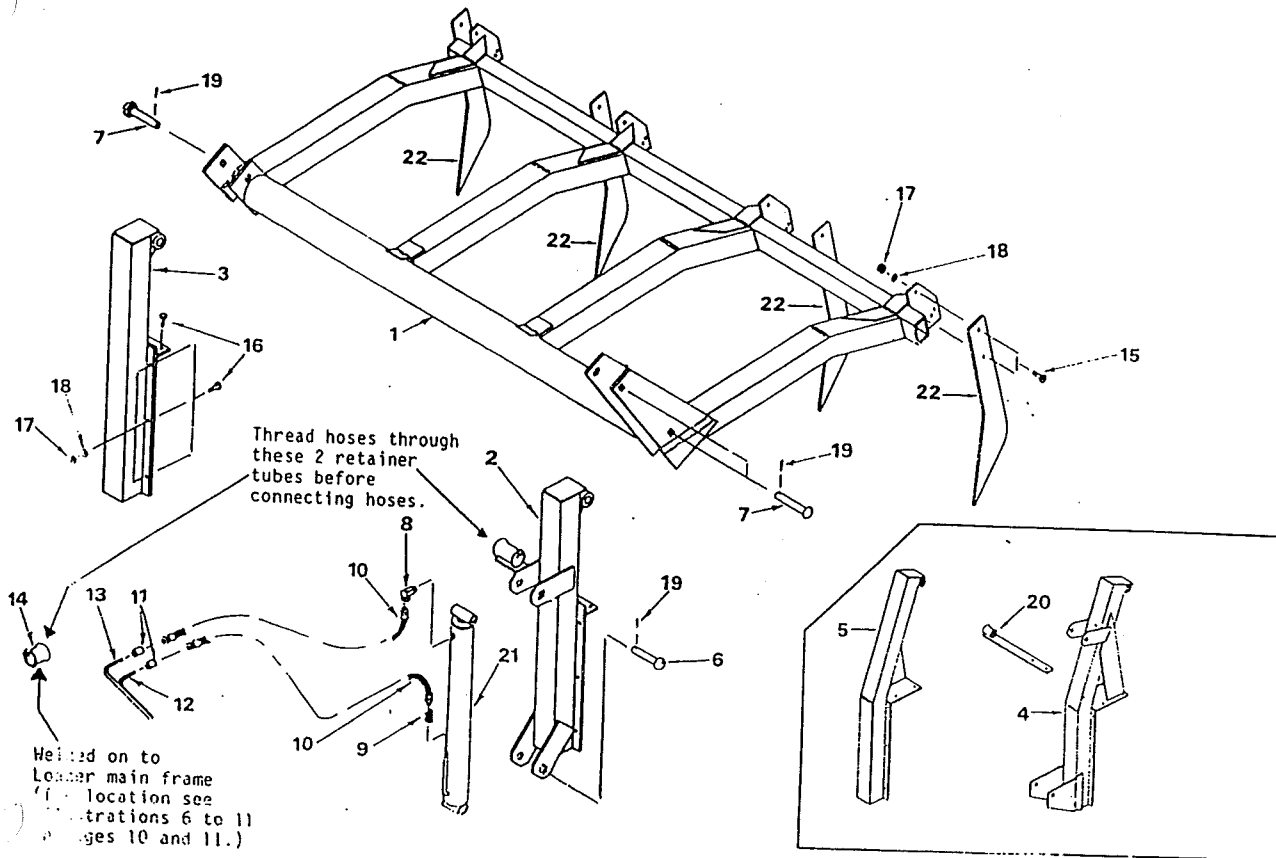
REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.
			243 QTY. REQ'D
1	20TU35	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring	1
4	20FP1	Filter Plate	1
5	20CU1	Cup	2
6	20BP1	Back-Up Plate	1
7	10SW1	Star Washer	1

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.
			243 QTY. REQ'D
8	10NU1	Nut - 3/4" N.F.	1
9	20HP8	Head Plate	1
10	10OR4	O-Ring	1
11	10RS5	Rod Seal	1
12	10WS5	Wiper Seal	1
13	10GN1	Grease Nipple	2
14	20FP2	Filter Plate	1

CYLINDER SEAL KIT

KIT NO.	CONTENT	
2012N5	2 - 20CU1	Cups
	1 - 10OR9	O-Ring
	1 - 10OR4	O-Ring
	1 - 10ORS5	Rod Seal
	1 - 10WS5	Wiper Seal

MODEL 789 GRAPPLE FORK

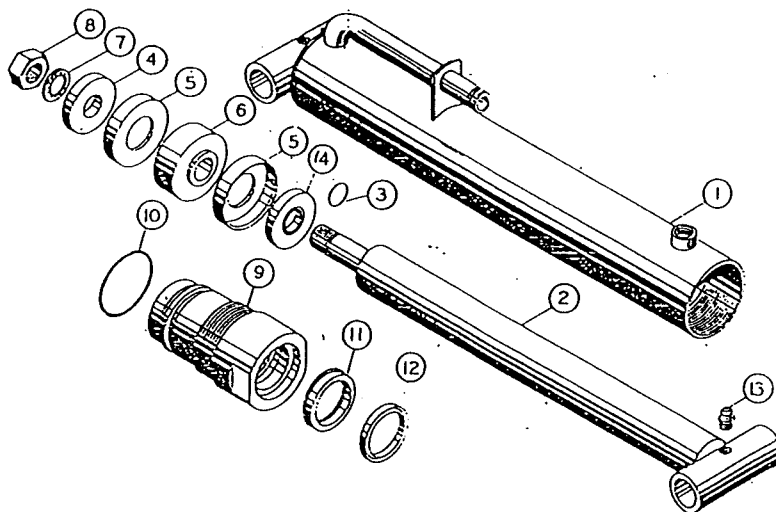


FRAME & UPRIGHT

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LA2604	Frame Assembly - Less Teeth and Pins	1
2	LA2602	R.H. Upright Assembly - Straight Type (1993 & Prior)	*
3	LA2603	L.H. Upright Assembly - Straight Type (1993 & Prior)	*
4	LA2605	R.H. Upright Assembly - Curved Type	*
5	LA2606	L.H. Upright Assembly - Curved Type	*
6	L4	1" x 4-1/2" Carriage Pin	1
7	L3	1" x 4-15/16" Carriage Pin (Used 1991 & Prior)	3
	L885	1" x 4-7/8" Hex Head Pin (Used After 1991)	3
8	DL9769	3/8" x 90 Degree Swivel Street Elbow	1
9	L29	3/8" x 90 Degree Female Swivel Adapter	1
	L2981	3/8" x 110" Hydraulic Hose	2
	DL5280	3/8" Female Coupler	2
	L1053	Bottom Oil Line - Model 80-90-100-101 Loader	*
	L1096	Bottom Oil Line - Model 120-125 Loader	*
	L1198	Bottom Oil Line - Model 110-110E-115-115E Loader	*
	L3291	Bottom Oil Line - Model 2105-2135 Loader	*

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
13	L1054	Top Oil Line - Model 80-90-100-101 Loader	*
	L1097	Top Oil Line - Model 120-125 Loader	*
	L1197	Top Oil Line - Model 110-110E-115-115E Loader	*
	L3290	Top Oil Line - Model 2105-2135 Loader	*
14	L2620	2" Long Hose Support Tube (Welded To Loader Main Frame)	1
15		1/2" x 2" N.C. Hex Bolt	8
16		1/2" x 1-1/2" N.C. Hex Bolt	20
17		1/2" N.C. Hex Nut	28
18		1/2" Lockwashers	28
19		1/4" x 1-1/2" Cotter Pin	4
20	LA2621	Hose Support Assembly	*
21	269	2" x 18" Hydraulic Cylinder (N5)	1
22	L1161	Tooth - 5/8"	4

MODEL 789 GRAPPLE FORK



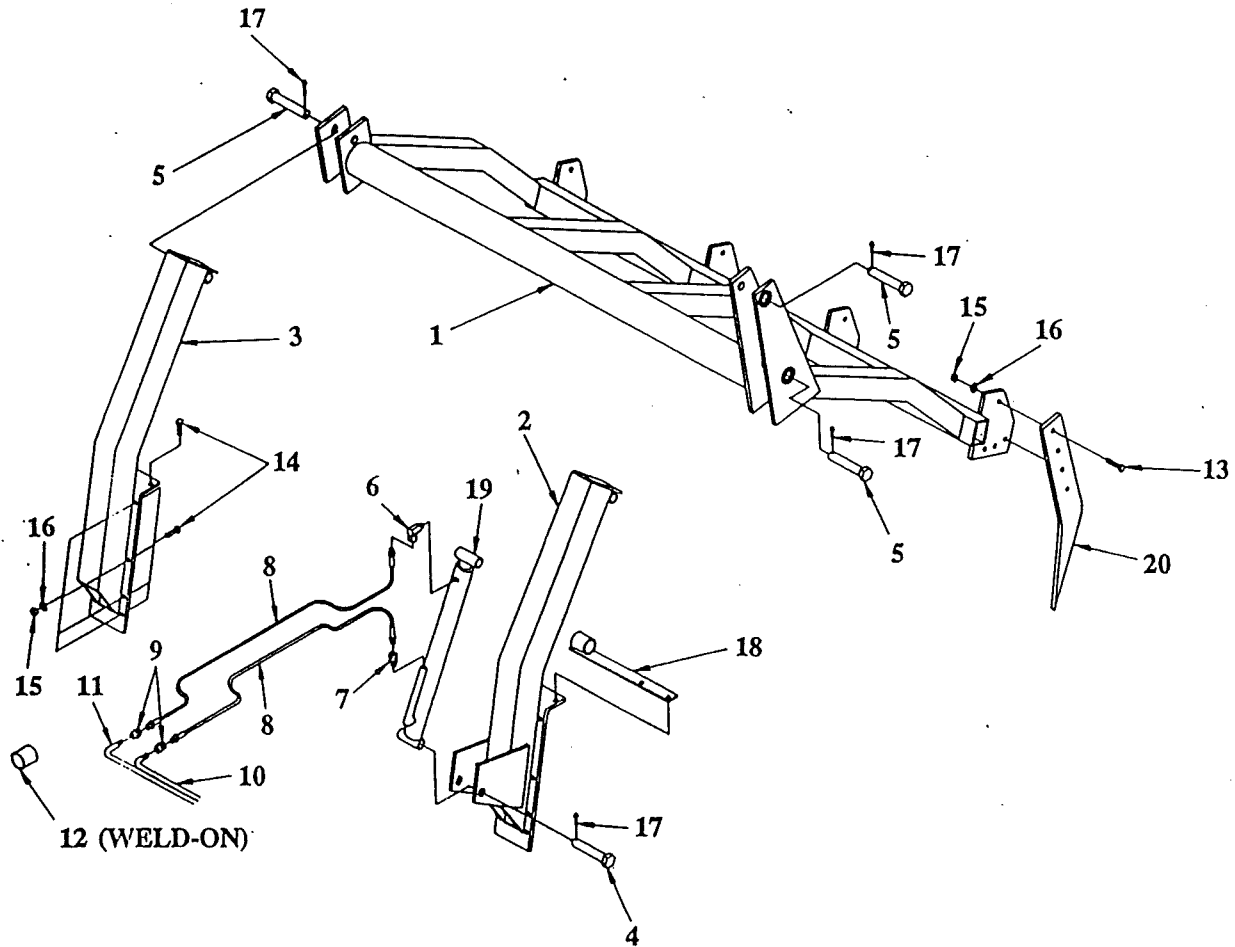
HYDRAULIC CYLINDER (FOR MODELS SHIPPED PRIOR TO 1990)

REF NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO. 243 QTY. REQ'D
1	20TU35	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring (3/4" I.D. x 7/8" O.D.)	1
4	20FP1	Filler Plate	1
5	20CU1	A-Cup(2" O.D.)	2
6	20BP1	Back-Up Plate (2" O.D.)	1
7	10SW1	Star Washer (3/4" I.D.)	1
8	10NU1	3/4" N.F. Hex Nut	1
9	20HP8	Head Plate (2" O.D. x 1-1/4" I.D.)	1
10	10OR4	O-Ring (1-3/4" O.D. x 2" O.D.)	1
11	10RS5	Rod Seal (1-1/4" I.D. x 1-5/8" O.D. x 3/8" Deep)	1
12	10WS5	Wiper Seal (1-1/4" I.D. x 1-1/2" O.D. x 1/8" Deep)	1
13	10GN1	1/4" - 28 Grease Fitting	2
14	20FP2	Filler Plate	1

PARTS REQUIRED TO CONVERT ABOVE CYLINDER TO U-CUP TYPE PISTON

PART NO.	DESCRIPTION	QTY. REQ'D
20PB1	Piston Block	1
20CU2	2" U-Cup (If Piston Seal Req'd Only)	2
	OR	
2012N5-U	Seal Kit (If Complete Seal Kit Is Req'd)	1

MODEL 790 GRAPPLE FORK



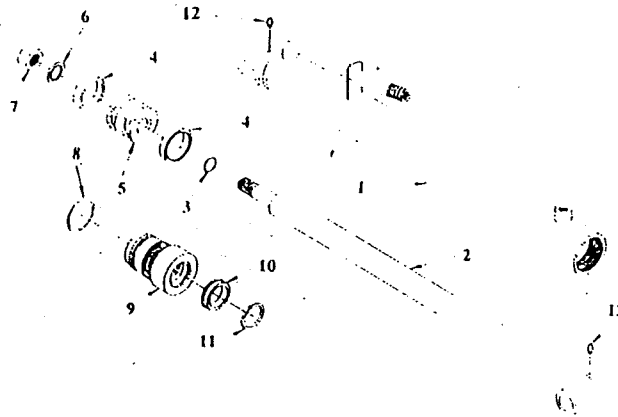
FRAME, UPRIGHT & HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LA3805	Frame Assembly - Less Teeth and Pins	1
2	LA3810	R.H. Upright Assembly	*
3	LA3811	L.H. Upright Assembly	*
4	L4	1" x 4-1/2" Carriage Pin	1
5	L885	1" x 4-7/8" Hex Head Pin	3
6	DL9769	3/8" x 90 Degree Swivel Street Elbow	1
7	L29	3/8" x 3/8 Female Swivel Adapter	1
8	L2981	3/8" x 110" Hydraulic Hose	2
9	DL5280	3/8" Female Coupler	2
10	L1773	Bottom Oil Line - Model 70, 2070 Loader	1
	L1053	Bottom Oil Line - Model 80, 90, 100, 101 Loader	1
	L1096	Bottom Oil Line - Model 120, 125, 2220, 2225 Loader	1
	L1198	Bottom Oil Line - Model 110, 110E, 115, 115E Loader	1
	L3439	Bottom Oil Line - Model 2080S, 2085S, 2090S, 2095S Loader	1
	L3336	Bottom Oil Line - Model 2080, 2085, 2090, 2095 Loader	1
	L3291	Bottom Oil Line - Model 2100, 2015, 2130, 2135 Loader	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
11	L1772	Top Oil Line - Model 70, 2070 Loader	1
	L1054	Top Oil Line - Model 80, 90, 100, 101 Loader	1
	L1097	Top Oil Line - Model 120, 125, 2220, 2225 Loader	1
	L1197	Top Oil Line - Model 110, 110E, 115, 115E Loader	1
	L3438	Top Oil Line - Model 2080S, 2085S, 2090S, 2095S Loader	1
	L3335	Top Oil Line - Model 2080, 2085, 2090, 2095 Loader	1
	L3290	Top Oil Line - Model 2100, 2105, 2130, 2135 Loader	1
12	L2620	2" Long Hose Support Tube (Welded To Loader Main Frame)	1
13		1/2" x 2" N.C. Hex Bolt	8
14		1/2" x 1-1/2" N.C. Hex Bolt	20
15		1/2" N.C. Hex Nut	28
16		1/2" Lockwashers	28
17		1/4" x 1-1/2" Cotter Pin	4
18	LA2621	Hose Support Assembly	1
19	269	2" x 18" Hydraulic Cylinder - See Cylinder Parts List	1
20	L1161	Tooth - 5/8"	4

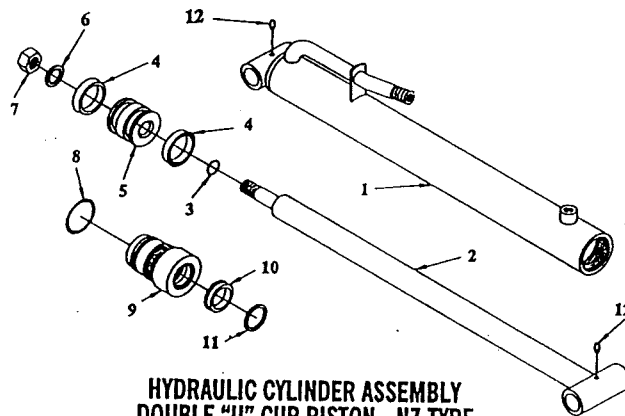
* As Required

MODEL 790 GRAPPLE FORK



**HYDRAULIC CYLINDER ASSEMBLY
DOUBLE "U" CUP PISTON - N5 TYPE**

REF. NO	PART NO.	DESCRIPTION	CYL. CODE NO. 269 QTY. REQ'D
1	20TU35	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring (3/4" I.D. x 7/8" O.D.)	1
4	20CU2	2" U-Cups (1-5/8" I.D. x 2" O.D. x 3/8" Deep)	2
5	20PB1	Piston Block (2" O.D. x 3/4" I.D.)	1
6	10SW1	Star Washer (3/4" I.D.)	1
7	10NU1	3/4" N.F. Hex Nut	1
8	10OR4	O-Ring (1-3/4" I.D. x 2" O.D.)	1
9	20HP8	Head Plate (2" O.D. x 1-1/4" I.D.)	1
10	10RS5	Rod Seal (1-1/4" I.D. x 1-5/8" x 3/8")	1
11	10WS5	Wiper Seal (1-1/4" I.D. x 1-1/2" O.D. x 1/8")	1
12	10GN1	1/4" - 28 Grease Fitting	2



**HYDRAULIC CYLINDER ASSEMBLY
DOUBLE "U" CUP PISTON - N7 TYPE**

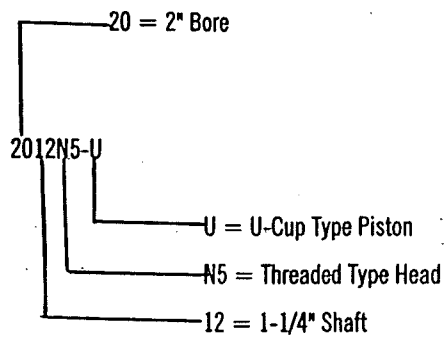
REF. NO	PART NO.	DESCRIPTION	CYL. CODE NO. 294 QTY. REQ'D
1	20TU36	Tube Assembly - 2" x 18"	1
2	10SH32	Shaft - 1-1/4" x 18"	1
3	10OR9	O-Ring (3/4" I.D. x 7/8" O.D.)	1
4	20CU2	2" U-Cups (1-5/8" I.D. x 2" O.D. x 3/8" Deep)	2
5	20PB1	Piston Block (2" O.D. x 3/4" I.D.)	1
6	10SW1	Star Washer (3/4" I.D.)	1
7	10NU1	3/4" N.F. Hex Nut	1
8	10OR4	O-Ring (1-3/4" I.D. x 2" O.D.)	1
9	20HP9	Head Plate (2" O.D. x 1-1/4" I.D.)	1
10	10RS5	Rod Seal (1-1/4" I.D. x 1-5/8" x 3/8")	1
11	10WS5	Wiper Seal (1-1/4" I.D. x 1-1/2" O.D. x 1/8")	1
12	10GN1	1/4" - 28 Grease Fitting	2

MODEL 790 GRAPPLE FORK

EZEE-ON CYLINDER REPAIR SEAL KIT CODES

CODE

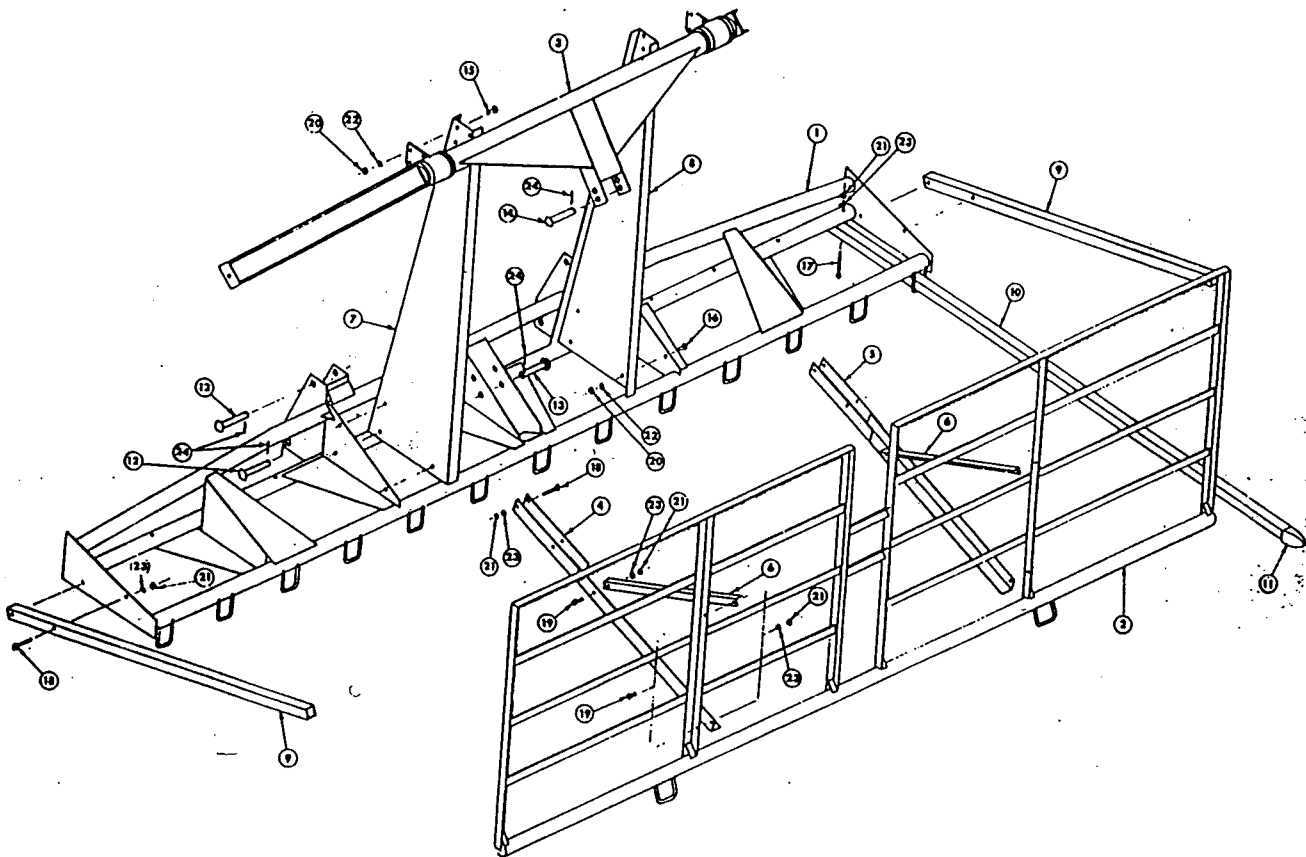
KIT NO.



CYLINDER SEAL KIT

KIT NO.	CONTENTS				CYL. NO.
2012N5/N7-U	2	-	20CU2	U-Cup 1-5/8" I.D. x 2" O.D. x 3/8" Deep	269 294
	1	-	100R9	O-Ring 3/4" I.D. x 7/8" O.D.	
	1	-	100R4	O-Ring 1-3/4" I.D. x 2" O.D.	
	1	-	10RS5	Rod Seal 1-1/4" I.D. x 1-5/8" O.D. x 3/8" Deep	
	1	-	10WS5	Wiper Seal 1-1/4" I.D. x 1-1/2" O.D. x 1/8" Deep	

12 - 14 FOOT PUSHOFF HAYSTACKER

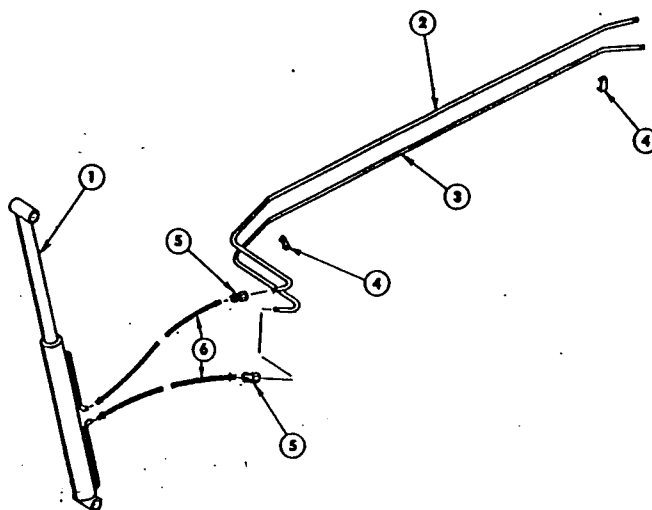


PUSHOFF HAYSTACKER (ALL MODELS)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D 12 FL.	QTY. REQ'D 14 FL.
1	LB1001	12 Ft. Main Frame Assembly c/w Pins - Fits Model 100, 105, 120, 125 Loaders	1	
	LB1002	12 Ft. Main Frame Assembly c/w Pins - Fits Model 80 Loader	1	
	LB1028	14 Ft. Main Frame Assembly c/w Pins - Fits Model 100, 105, 120, 125 Loaders		1
2	LA1058	12 Ft. Push-Off Gate Assembly	1	
	LA1046	14 Ft. Push-Off Gate Assembly		1
3	LB1005	Rockshaft Assembly c/w Pin	1	1
4	LA1060	Push Arm Assembly - Right	1	1
5	LA1061	Push Arm Assembly - Left	1	1
6	L1059	Brace	2	2
7	L1050	Upright - Right	1	1
8	L1051	Upright - Left	1	1
9	L1057	Side Arm	2	2
10	LA1080	8 Ft. Tooth Assembly - Complete	13	15
	LA1090	9 Ft. Tooth Assembly - Complete	13	15
	L1062	Tooth Point	13	15
11	L1	1" x 5-1/2" Pin - Fits Main Frame No's LB1001-LB1028	4	4
	L3	1" x 4-15/16" Pin - Fits Main Frame No's LB1002	4	

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D 12 FL.	QTY. REQ'D 14 FL.
13	L2	1" x 5-1/8" Pin, Fits All Frames 1970 and Prior Use L1	1	1
14	L1	1" x 5-1/2" Pin	1	1
<u>STANDARD HARDWARE</u>				
15		1/2" x 1-1/4" N.C. Hex Head Bolt	8	8
16		1/2" x 1" N.C. Hex Head Bolt	6	6
17		3/8" x 5" N.C. Hex Head Bolt	13	15
18		3/8" x 3" N.C. Hex Head Bolt	6	6
19		3/8" x 1" N.C. Hex Head Bolt	6	6
20		1/2" N.C. Hex Nut	14	14
21		3/8" N.C. Hex Nut	25	27
22		1/2" Lockwasher	14	14
23		3/8" Lockwasher	25	27
24		1/4" x 1-1/2" Cotter Pin	6	6
Not Shown	10GN1	1/4" - 28 Grease Fitting	2	2
<u>PAINT & DECAL</u>				
	L001	Ezee-On Yellow Paint 1 Qt. Can		
	L002	Ezee-On Yellow Paint 1/2 Pint		
	L003	Ezee-On Paint Spray Bomb		
	L010	Ezee-On Decal	2	2

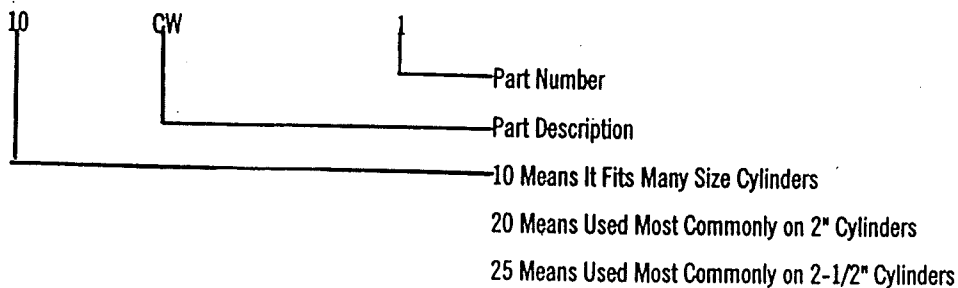
12 - 14 FT. PUSHOFF HAYSTACKER



HYDRAULIC SYSTEM

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1		Hydraulic Cylinder - See Cylinder Parts List Instructions	1
2	L1054	Top Oil Line - Model 80, 100, 105 Loaders	1
	L1097	Top Oil Line - Model 120, 125 Loaders	1
3	L1053	Bottom Oil Line - Model 80, 100, 105 Loaders	1
	L1096	Bottom Oil Line - Model 120-125 Loaders	1
4	L1056	Oil Line Retainer	2
5	L29	3/8" Female Swivel Adapter	2
6	H40	3/8" x 40" Hydraulic Hose	2

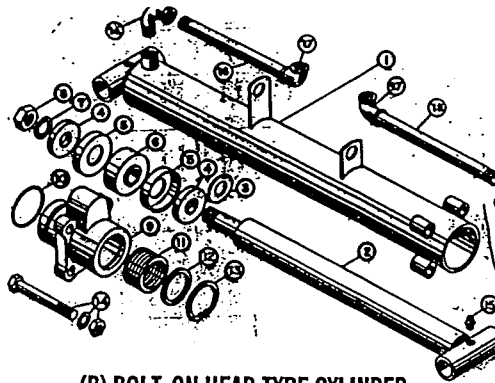
EZEE-ON CYLINDER PART NUMBER CODE



EZEE-ON HAYSTACKER CYLINDER SPECIFICATIONS

CODE NO.	DIAMETER	STROKE	C.C. LENGTH	SHAFT DIAMETER	TYPE
39	2-1/2	20	48-1/2	1-1/2	B
19	2	20	48-1/2	1-1/2	N1
119	2-1/2	20	48-1/2	1-1/2	N3
161	2	20	48-1/2	1-1/2	N5
18	2	20	48-1/2	1-1/2	S1

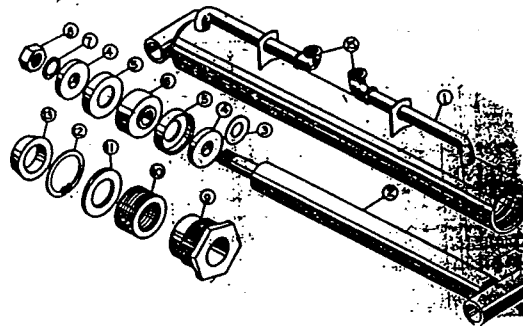
12 - 14 FT. PUSHOFF HAYSTACKER



(B) BOLT-ON HEAD TYPE CYLINDER
CODE NO. 39

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	25TU25	Tube Assembly - 2-1/2" x 20"	1
2	10SH6	Shaft - 1-1/2" x 40"	1
3	10CW1	Copper Washer	1
4	25FP1	Filler Plate	2
5	25CU1	Cup	2
6	25BP1	Back-Up Plate	1
7	10SW1	Star-Washer - 3/4" I.D.	1
8	10NU1	Nut - 3/4" N.F.	1
9	25HP2	Head Plate	1
10	JR1	O-Ring	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
11	10VP2	V-Packing	1
12	10WA2	Washer	1
13	20SR1	Snap Ring	1
14		1/2" x 4" N.C. Hex Bolt c/w Nut & Lockwasher	4
15	10GN1	Grease Nipple	2
16	L1618	Elbow	1
17	10EL1	Elbow	2
18	10OL3	Oil Line	2



N1 NUT TYPE CYLINDER
CODE NO. 19

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	25TU25	Tube Assembly - 2" x 20"	1
2	10SH6	Shaft - 1-1/2" x 40"	1
3	10CW1	Copper Washer	1
4	20FP1	Filler Plate	2
5	CU1	Cup	2
6	BP1	Back-Up Plate	1
7	10SW1	Star-Washer - 3/4" I.D.	1
8	10NU1	Nut - 3/4" N.F.	1

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
9	20HP4	Head Plate	1
10	10VP2	V-Packing	1
11	10WA2	Washer	1
12	20SR1	Snap Ring	1
13	20SP5	Spacer	1
14	10GN1	Grease Nipple	2
15	10EL1	Elbow	2

12 - 14 FT. PUSHOFF HAYSTACKER

EZEE-ON CYLINDER REPAIR SEAL KIT CODES

CODE

20 = 2" Bore

25 = 2-1/2" Bore

PART NO.

2515B — B - Cast Bolt-On Head Type

S1 - Snap Ring Type

N1 - Nut Type

N5 - Threaded Head Type

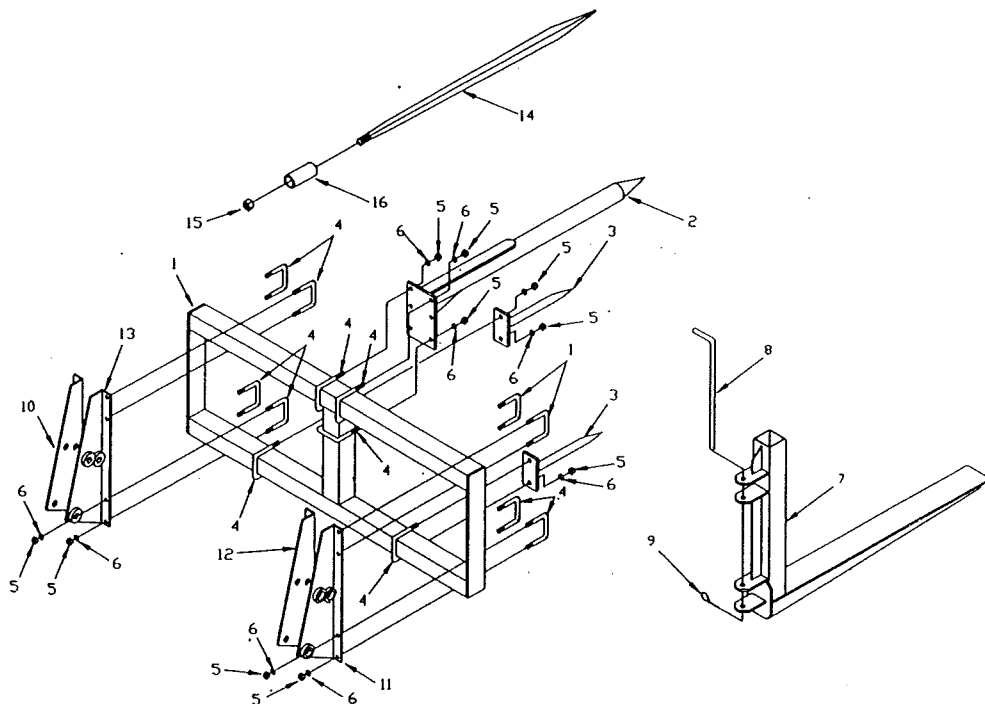
N3 - Outside Nut Type

15 = 1-1/2" Shaft

CYLINDER SEAL KITS

KIT NO.	CONTENTS	FITS CYLINDER CODE NO.
2515B	2 - 25CU1 Cups 1 - 20SR1 Snap Ring 1 - 10VP2 V-Packing 1 - 10WA2 Washer 1 - 10OR1 O-Ring	39
2015N1	2 - 20CU1 Cups 1 - 10VP2 V-Packing 1 - 20SR1 Snap Ring	19
2515N3	2 - 25CU1 Cups 1 - 10OR1 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	119
2015N5	2 - 20CU1 Cups 1 - 10OR4 O-Ring 1 - 10RS1 Rod Seal 1 - 10WS1 Wiper Seal	161
2015S1	2 - 20CU1 Cups 1 - 10VP2 V-Packing 1 - 20SR1 Snap Ring	18

MODEL 48 BALE SPEAR, PALLET FORK AND TOOLBAR



REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LA2730 LA2731	Tool Bar - Less Lugs Tool Bar with Ezee-A-Tach Lugs welded on	1 1
2	LA2735	Center Spear - Bolt On Type Order Spear #LB2738 and Bushing #L2718 - Bushing must be welded into frame	1
3	LA2736	Bottom Stabilizer Tine - Bolt On Type	2
4	L2730	5/8" x 3-1/2" U-Bolt	13
5		5/8" N.C. Hex Nut	26
6		5/8" Lockwasher	26
7	LA2733	Pallet Fork - Model 48 Only	2
8	L2723	3/4" Dia. x 20" Drop Pin - Pallet Fork	2
9	DR129	Hair Pin Cotter	2
10	LA2742 LA2743	Attaching Lug - L.H. Outer 2070 to 2135 Loader Attaching Lug - L.H. Outer 120-125-2220-2225 Loader	1 1
11	LA2744 LA2745	Attaching Lug - R.H. Outer 2070 to 2135 Loader Attaching Lug - R.H. Outer 120-125-2220-2225 Loader	1 1
12	LA2746 LA2747	Attaching Lug - R.H. Inner 2070 to 2135 Loader Attaching Lug - R.H. Inner 120-125-2220-2225 Loader	1 1
13	LA2748 LA2749	Attaching Lug - L.H. Inner 2070 to 2135 Loader Attaching Lug - L.H. Inner 120-125-2220-2225 Loader	1 1
14	LB2738	49" Tapered Forged Spear c/w Nut Item 15	1
15	L2741	Tapered Hex Nut	1
16	L2718	Tapered Bushing (Welded On)	1

L2739

