

Ezee-On

Parts Books

Cultivator Models:

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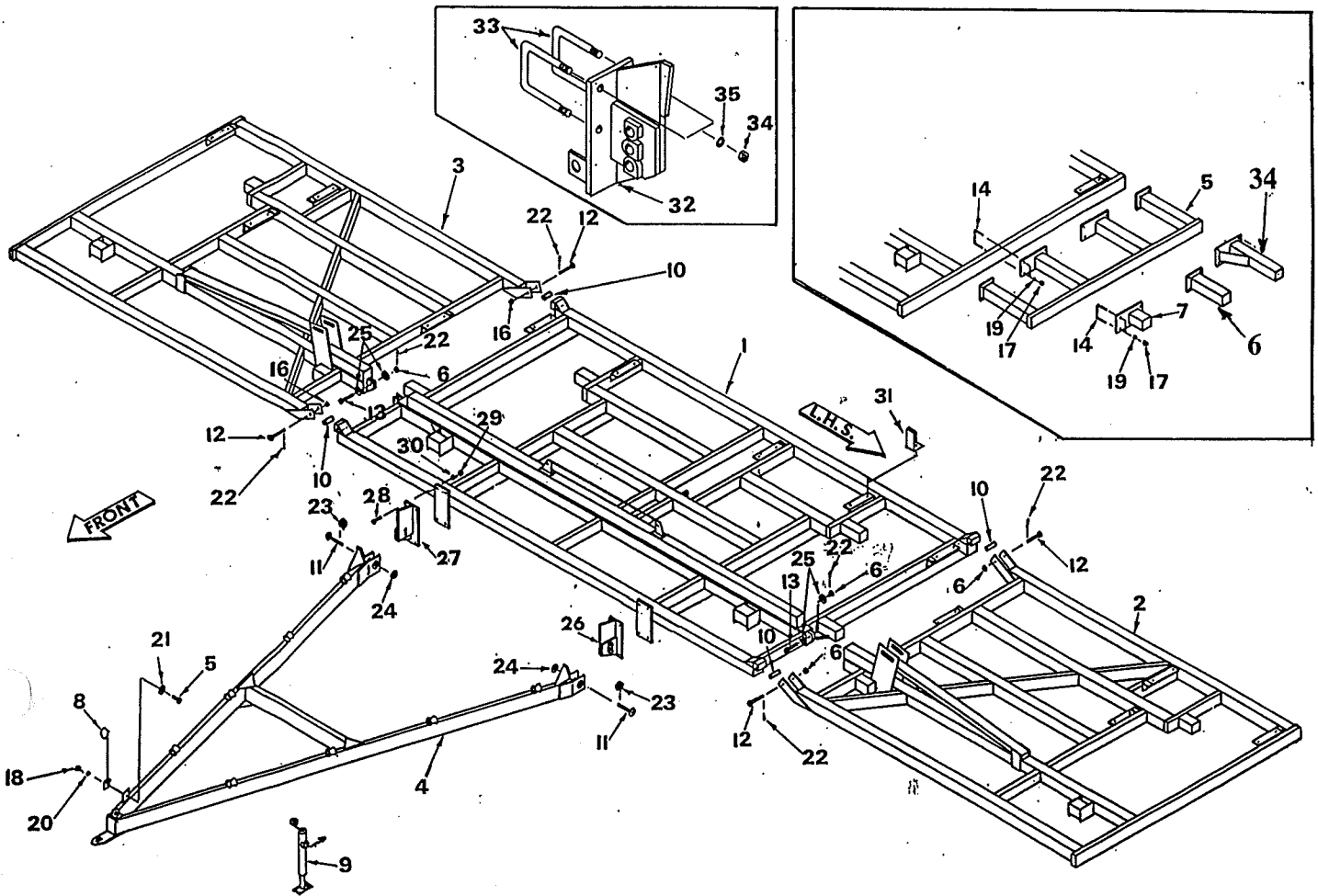
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MODEL 3500 FREE-FLOATING HITCH MULTI-PURPOSE CULTIVATOR



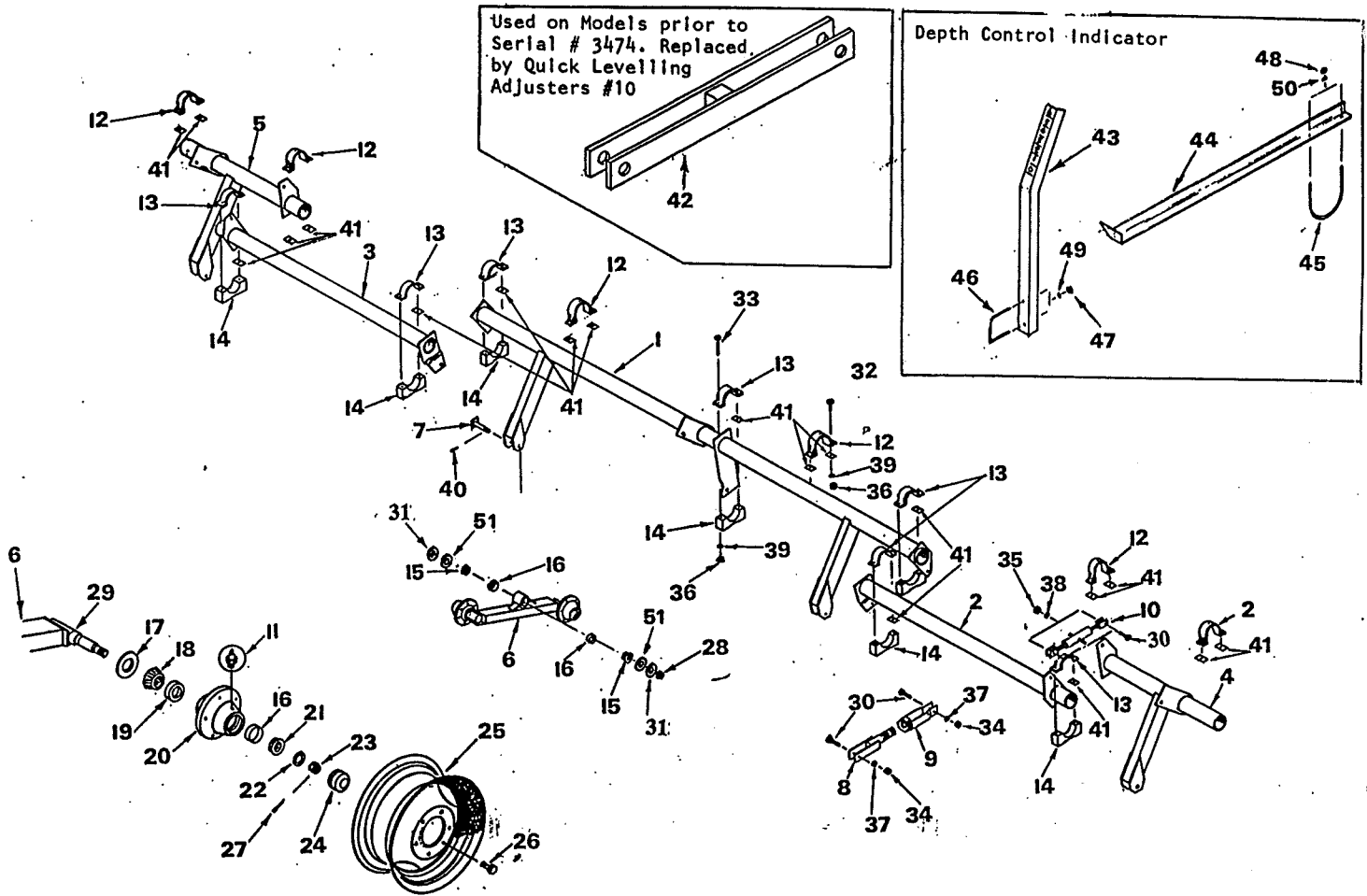
MAIN FRAME

Ref. No.	Part No.	Description	Qty. Req'd
1	C60001	Main Frame - 16' Model - (For Model Serial #3584 and Prior) (Order #C60003 - See NOTE Below)	*
	C60036	Main Frame - 13-1/2' Model - (For Model Serial #3584 and Prior) - (Order #C60038 - See NOTE Below)	*
	NOTE: When Ordering Center Frames For Models With Serial #3584 and Prior, Order Hitch #C60110, Hitch Attaching Bracket #C60105 & #C60106 & Eight (8) 1" x 3" Bolts Complete With Nuts & Lockwashers.		
	C60003	Main Frame - 16' Model - (For Model Serial # Over 3569) (As Shown)	*
	C60038	Main Frame - 13-1/2' Model - (For Model Serial # Over 3584) (As Shown)	*
2	C60075	6' L.H. Wing Frame	*
	C60076	8' L.H. Wing Frame	*
	C60077	10' L.H. Wing Frame	*
3	C60078	6' R.H. Wing Frame	*
	C60079	8' R.H. Wing Frame	*
	C60080	10' R.H. Wing Frame	*
4	C60100	Hitch Assembly - Used On Models Serial #2584 and Prior	*
	C60110	Hitch Assembly - Used On Models Serial # 3607 and Up	*
5	C50820	3" Shank Extension	*
6	C50828	14" Stub Extension	*
7	C50825	6" Stub Extension	*
8	DH45161	Hose Support	1
9	DH45170	Hitch Jack	*
10	C60081	Hinge Roller	4
11	C60101	1-1/4" x 6-3/4" Long Hitch Pin	2

Ref. No.	Part No.	Description	Qty. Req'd
12	L2244	1" x 6-1/2" Hex Bolt	4
13	C50050	1" x 4-1/4" Hex Hinge Bolt	2
14	C50541	5/8" x 4" x 3-7/16" U-Bolt (Plated)	*
15		5/8" x 1-1/2" N.C. Hex Bolt	1
16	L1574	1" N.C. Slotted Hex Nut	4
17		5/8" N.C. Hex Nut (Plated)	*
18		5/8" N.C. Hex Nut	1
19		5/8" Lockwasher (Plated)	*
20		5/8" Lockwasher	1
21		1-3/8" O.D. x 11/16" I.D. Flatwasher	1
22		3/16" Cotter Pin	6
23	DH12517	7/16" Lynch Pins	2
24		Backing Washer	2
25		Washer For 1" Hinge Bolt	8
26	C60103	L.H. Hitch Attaching Bracket	*
27	C60104	R.H. Hitch Attaching Bracket	*
28		1" x 3" N.C. Hex Bolts	8
29		1" N.C. Hex Nuts	8
30		1" Lockwashers	8
31	C50546	"SMY" Bracket	1
32	C60105	L.H. Hitch Attaching Bracket (Used For Models #3584 and Prior)	*
	C60106	R.H. Hitch Attaching Bracket (Used For Models #3584 and Prior)	*
33	C55203	3/4" U-Bolts	*
		3/4" Nuts	*
		3/4" Lockwashers	*

* As Required

MODEL 3500 FREE-FLOATING HITCH MULTI-PURPOSE CULTIVATOR



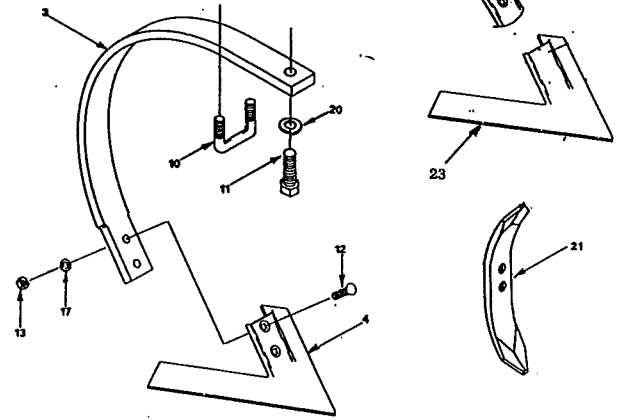
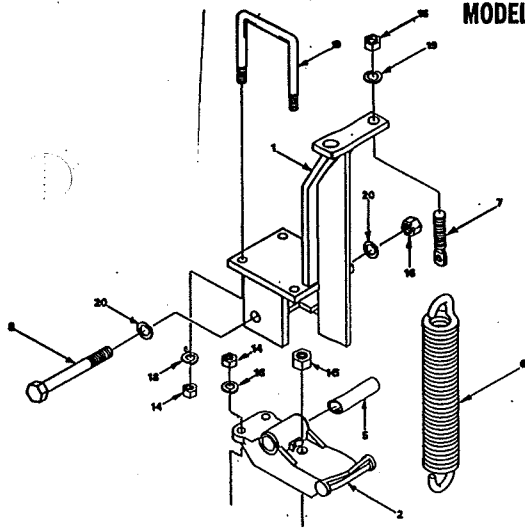
ROCKSHAFT

Ref. No.	Part No.	Description	Qty. Req'd
1	C60129	13-1/2" Main Frame Rockshaft - w/3" Wheel Leg	*
	C60123	13-1/2" Main Frame Rockshaft - w/4" Wheel Leg	1
	C60130	16" Main Frame Rockshaft - w/3" Wheel Leg	*
	C60124	16" Main Frame Rockshaft - w/4" Wheel Leg	1
2	C60131	L.H. 8" Intermediate Rockshaft	*
	C60132	L.H. 8" Intermediate Rockshaft	*
	C60133	L.H. 10" Intermediate Rockshaft	*
3	C60134	R.H. 8" Intermediate Rockshaft	*
	C60135	R.H. 8" Intermediate Rockshaft	*
	C60136	R.H. 10" Intermediate Rockshaft	*
4	C60137	L.H. Wing Frame Rockshaft - w/3" Wheel Leg	1
	C60125	L.H. Wing Frame Rockshaft - w/4" Wheel Leg	1
5	C60138	R.H. Wing Frame Rockshaft - w/3" Wheel Leg	1
	C60126	R.H. Wing Frame Rockshaft - w/4" Wheel Leg	1
6	C60127	R.H. Walking Beam - w/3" Bag Tube	2
	C60128	L.H. Walking Beam - w/3" Bag Tube	2
	C60127	R.H. Walking Beam - w/4" Bag Tube	2
	C60128	L.H. Walking Beam - w/4" Bag Tube	2
7	C60129	Walking Beam Pin	4
8	DR9620	Rockshaft Link - Male Half, Adjustable	2
9	C60129	Rockshaft Link - Female Half, Adjustable	2
10	CS0091	Quick Levelling Adjuster For Serial #3474 and Up	2
11	10GN1	1/4" - 28 Grease Fitting	6
12	CR50703	Reinforced Rockshaft Bearing	7
13	DR8601-B	Rockshaft Bearing - Bottom	7
14	DR8601-T	Rockshaft Bearing - Top	8
15	CR50707	Cone Bearing - #LM48500LA90034	8
16	DR92	Bearing Cup - #LM48510	8
17	DR122	Grease Seal	8
18	DR120	Cone Bearing - #LM25580	8
19	DR118	Bearing Cup - #LM25520	8
20	DR91	Hub c/w Cups	8
21	DR91	Cone Bearing - #LM48548	8

Ref. No.	Part No.	Description	Qty. Req'd
22		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	8
23	DR110	1" N.F. Slotted Hex Nut	8
24	DR123	Hub Cap	8
25	C60160	15" x 8" 6 Bolt Firm w/Steel Protector	8
26	DR125	Wheel Stud	48
27		3/16" x 1-1/4" Cotter Pin	8
28		1-3/8" N.F. Slotted Hex Nut	4
29	DR114	Spindle - Weld-On	8
30	DR5215	1-1/4" x 4-1/4" N.C. Hex Bolt	4
31		1" x 3" N.C. Special Hex Bolt	4
32		3/4" x 2-1/4" N.C. Hex Bolt	12
33		3/4" x 6-1/2" N.C. Hex Bolt	14
34		1-1/4" N.C. Hex Nut	4
35		1" N.C. Hex Nut	4
36		3/4" N.C. Hex Nut	26
37		1-1/4" Lockwasher	4
38		1" Lockwasher	4
39		3/4" Lockwasher	26
40		Cotter Pin 1/4" x 2"	4
41	CR50692	Rockshaft Bearing Shim	*
42	CS0700	Solid Rockshaft Link Assembly Replaced By #10 Quick Levelling Adjuster. Used On Models Prior To Serial # 3474	*
43	C60147	Depth Control Indicator	1
44	C60146	Depth Control Pointer	1
45	CS0734	U-Bolt	1
46		1/2" x 4" x 5-1/4" Long U-Bolt	1
47		1/2" N.C. Hex Nut	2
48		3/8" N.C. Hex Nut	2
49		1/2" Lockwasher	2
50		3/8" Lockwasher	2
51	CR50178	2-1/8" O.D. x 1-3/8" I.D. x .134 Thick Machinery Bushing	*
52	CR50177	2-1/8" O.D. x 1-3/8" I.D. x .083 Thick Machinery Bushing	*

* As Required

MODEL 3500 FREE-FLOATING HITCH MULTI-PURPOSE CULTIVATOR

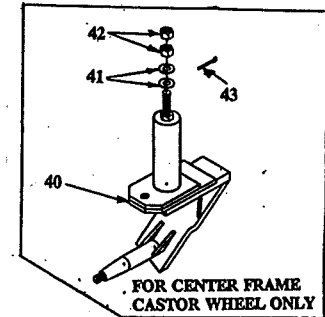
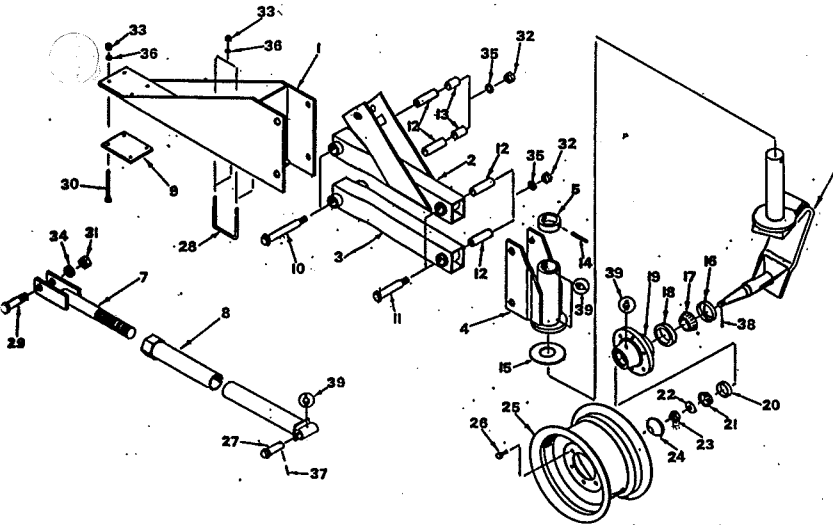


SHANK TRIP ASSEMBLY

Ref. No.	Part No.	Description	Qty. Req'd
1	CSA50741	Shank Tower (Regular)	*
2	CSA50730	Shank Holder (Cast) c/w Bushing	*
3	CS50739	Shank - 7/8" Thick	*
4	CS50738	11-1/2" x 1/4" x 47 Degree Shovel	*
5	CS50200	Bushing	*
6	CS50737	Spring (250 lb. Trip)	*
	CS50850	Spring (330 lb. Trip)	*
7	CS50736	5/8" Shank Spring I-Bolt	*
8	CS50735	3/4" x 5-3/4" N.C. Special Hex Bolt	*
9	CS50734	1/2" x 4" x 5-1/4" Long U-Bolt - Plated	*
10	CS50733	1/2" x 2" x 2-5/8" Long U-Bolt - Plated	*
11		3/4" x 2-1/4" N.C. Hex Bolt	*

Ref. No.	Part No.	Description	Qty. Req'd
12		7/16" x 1-3/4" Plow Bolt - w/Shovel	*
		7/16" x 2" Plow Bolt - w/Spike	*
		7/16" x 2-1/4" Plow Bolt - w/Spike	*
13		7/16" N.C. Hex Nut	*
14		1/2" N.C. Hex Nut	*
15		5/8" N.C. Hex Nut	*
16		3/4" N.C. Hex Nut	*
17		7/16" Lockwasher	*
18		1/2" Lockwasher	*
19		5/8" Lockwasher	*
20		3/4" Lockwasher	*
21	CS50743	3/4" x 2" x 14" Reversible Spike	*

* As Required

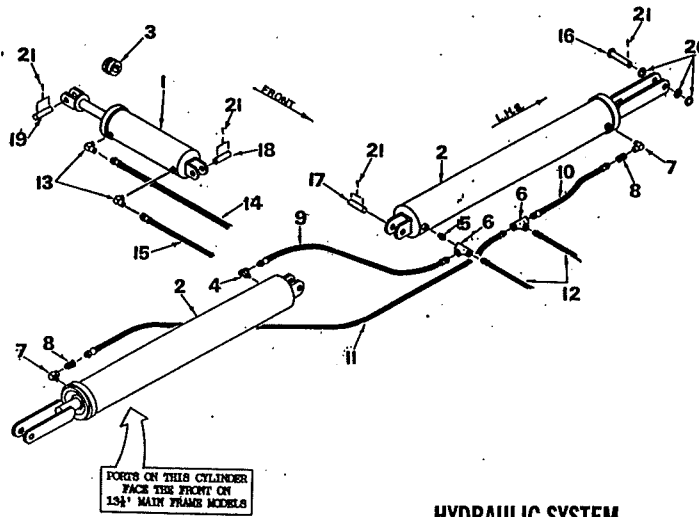


GAUGE WHEEL

Ref. No.	Part No.	Description	Qty. Req'd
1	CGA60180	Main Attaching Frame Assembly	3
2	CGA60181	Top Pivoting Tube Assembly	3
3	CGA60182	Bottom Pivoting Tube Assembly	3
4	CGA60183	Bearing Tube Assembly	3
5	CGA60184	Bearing Tube Assembly Securing Ring	3
6	CGA60185	Spindle Assembly	3
7	CGA60186	Male Half Push Arm	3
8	CGA60187	Female Half Push Arm	3
9	CG60188	Backing Plate	3
10	CG60189	Rear Pivoting Pin - 6-1/4" Long	6
11	CG60190	Front Pivoting Pin - 6-1/4" Long	6
12	CG60200	Nylon-Graphite Bushing - 4" Long	12
13	CG60202	Nylon-Graphite Bushing - 2" Long	6
14	CG60203	Roll Pin	3
15	CG60201	Nylon-Graphite Wear Washer	3
16	DR122	Grease Seal	3
17	DR120	Cone Bearing - #LM25580	3
18	DR118	Bearing Cup - #LM25520	3
19	DRA9	Hub c/w Cups	3
20	DR92	Bearing Cup - #LM48510	3

Ref. No.	Part No.	Description	Qty. Req'd
21	DR91	Cone Bearing - #LM48548	3
22		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	3
23	DR110	1" N.F. Slotted Hex Nut	3
24	DR123	Hub Cap	3
25	CG60160	15" x 8" 6 Bolt Rim w/Stem Protector	3
26	DR125	Wheel Stud	18
27	CGA60191	Front Pin	3
28	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	6
29	DR5215	1-1/4" x 4-1/4" N.C. Special Hex Bolt	3
30		5/8" x 6" N.C. Hex Bolt	12
31		1-1/4" N.C. Hex Nut	3
32		1" N.C. Hex Nut	12
33		5/8" N.C. Hex Nut	24
34		1-1/4" Lockwasher	3
35		1" Lockwasher	12
36		5/8" Lockwasher	24
37		1/4" x 2" Cotter Pin	3
38		3/16" x 1-1/4" Cotter Pin	3
39	10GN1	1/4" - 28 Grease Fitting	12

MODEL 3500 FREE-FLOATING HITCH MULTI-PURPOSE CULTIVATOR



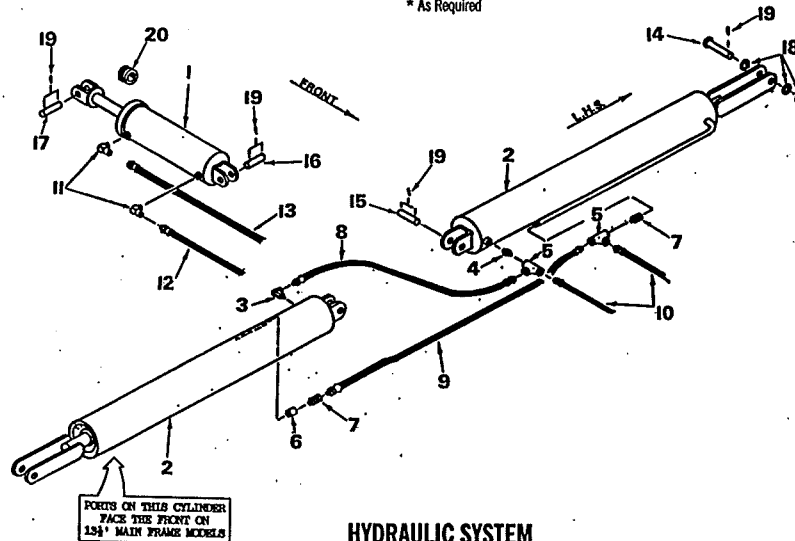
HYDRAULIC SYSTEM

(For Models Equipped With Wing Lift Cylinders Less Steel Oil Lines)

Ref. No.	Part No.	Description	Qty. Req'd
1	233	5" x 12" Rockshaft Cylinder - With Mechanical Depth Control	1
2	242	5" x 36" Wing Lift Cylinder - Less Steel Oil Line	*
	248	4" x 36" Wing Lift Cylinder - Less Steel Oil Line	*
3	CR50711	Depth Control Stop Ring - 1" Long	1
	CR50712	Depth Control Stop Ring - 1-1/2" Long	1
	CR50713	Depth Control Stop Ring - 1-3/4" Long	1
	CR50714	Depth Control Stop Ring - 2" Long	1
	CR50715	Depth Control Stop Ring - 2-1/4" Long	1
	DR50717	Depth Control Stop Ring - 4-1/4" Long	1
	CR850728	Depth Control Stop Ring - All of Above - 12-3/4" Long	1
4	DL9769	3/8" x 90 Degree Swivel Street Elbow	*
5	CL50234	Male Coupler	1
6	DL5282	Female Tee	1
7	DL5283	3/8" x 90 Degree Street Elbow	2
8	DL5279	3/8" Male-Female Restricted Orifice Swivel	2

Ref. No.	Part No.	Description	Qty. Req'd
9	H48	3/8" x 48" Hydraulic Hose (For 16" Main Frame)	*
	H14	3/8" x 14" Hydraulic Hose (For 13-1/2" Main Frame)	*
10	H38	3/8" x 38" Hydraulic Hose	1
11	H85	3/8" x 85" Hydraulic Hose (For 16" Main Frame)	*
	H52	3/8" x 52" Hydraulic Hose (For 13-1/2" Main Frame)	*
12	H254-1-3	3/8" x 254" Hydraulic Hose (One 3/8" End, One 1/2" End)	2
13	DL9777	1/2" x 90 Degree Street Elbow	2
14	H315-1	1/2" x 315" Hydraulic Hose	1
15	H300-1	1/2" x 300" Hydraulic Hose	1
16	CRAS0727	1-1/4" Diameter x 6" Long Pin	2
17	DR5252	1-1/4" Diameter x 4-1/4" Long Pin	2
18	DR5262	1-1/4" Diameter x 4-3/4" Long Pin	1
19	CR50726	1-1/4" Diameter x 5-3/4" Long Pin	1
20	DG5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
21		1/4" x 2" Cotter Pin	10

* As Required



HYDRAULIC SYSTEM

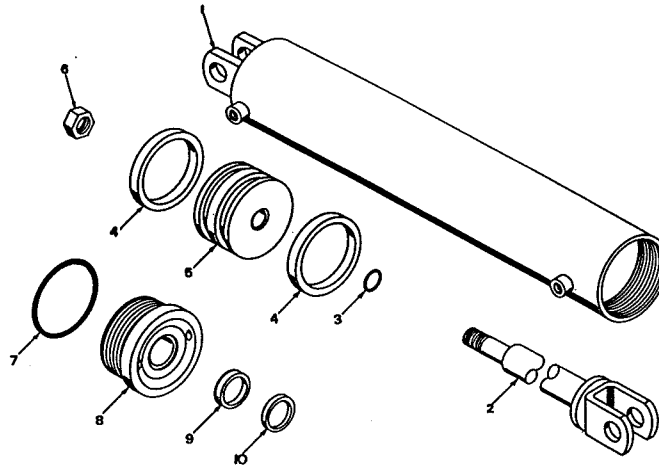
(For Models Equipped With Wing Lift Cylinders With Steel Oil Lines And 6' & 8' Wing Frames)

Ref. No.	Part No.	Description	Qty. Req'd
1	233	5" x 12" Rockshaft Cylinder - With Mechanical Depth Control	1
2	247	4" x 36" Wing Lift Cylinder - c/w Steel Oil Lines. Cylinder #247 Is Now Replaced By Cylinder #248. Then Order a 3/8" x 90 Degree Street Elbow, #DL5283, And Either A 3/8" x 52" (For A 16" Main Frame) Or A 3/8" x 19" Hose (For A 13-1/2" Main Frame) For The R.H. Cylinder Or A 3/8" x 90 Degree Street Elbow, #DL5283, And A 3/8" x 37" Hose (For A 13-1/2" Or A 16" Main Frame) For The L.H. Cylinder.	2
3	DL9769	3/8" x 90 Degree Street Elbow	1
4	CL50234	3/8" Male Coupler	1
5	DL5282	3/8" Female Tee	2
6	DL5280	3/8" Female Coupler	1
7	DL5279	3/8" Male-Female Restricted Orifice Swivel	2
8	H14	3/8" x 14" Hydraulic Hose (For 13-1/2" Main Frame)	*
	H48	3/8" x 48" Hydraulic Hose (For 16" Main Frame)	*
9	H19	3/8" x 19" Hydraulic Hose (For 13-1/2" Main Frame)	*
	H52	3/8" x 52" Hydraulic Hose (For 16" Main Frame)	*
10	H254-1-3	3/8" x 254" Hydraulic Hose (One 3/8" End, One 1/2" End)	2

Ref. No.	Part No.	Description	Qty. Req'd
11	DL9777	1/2" x 90 Degree Street Elbow	2
12	H315-1	1/2" x 315" Hydraulic Hose	1
13	H300-1	1/2" x 300" Hydraulic Hose	1
14	CRAS0727	1-1/4" x 6" Long Pin	2
15	DR5252	1-1/4" x 4-1/4" Long Pin	2
16	DR5262	1-1/4" x 4-3/4" Long Pin	1
17	CR50726	1-1/4" x 5-3/4" Long Pin	1
18	DG5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
19		1/4" x 2" Cotter Pin	10
20	CR50711	Depth Control Stop Ring - 1" Long	1
	CR50712	Depth Control Stop Ring - 1-1/2" Long	1
	CR50713	Depth Control Stop Ring - 1-3/4" Long	1
	CR50714	Depth Control Stop Ring - 2" Long	1
	CR50715	Depth Control Stop Ring - 2-1/4" Long	1
	CR50717	Depth Control Stop Ring - 4-1/4" Long	1
	CR850728	All Of The Above Stop Rings - 12-3/4" Package	*

* As Required

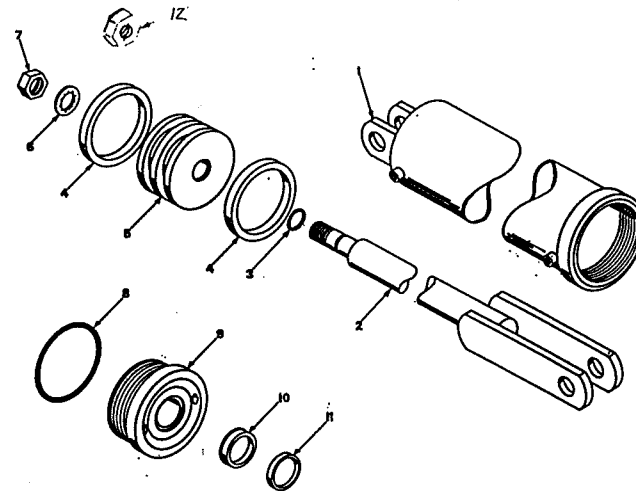
MODEL 3500 FREE-FLOATING HITCH MULTI-PURPOSE CULTIVATOR



ROCKSHAFT CYLINDER (For Mechanical Collars For Depth Control)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU7	Tube Assembly - 5" x 12"	1
2	10SH42	Shaft - 1-3/4" x 12"	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring	1
4	50CU1	5" U-Cup	2
5	50PB2	5" O.D. x 1-1/4" I.D. Piston	1
6	10NU3	1-1/4" Locking Nut	1
7	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
8	50HP1	5" Head Plate	1
9	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal	1
10	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	1

* As Required



WING LIFT CYLINDER (5" x 36")

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU8	Tube Assembly - 5" x 36" (For Cylinder #242)	1
2	10SH28	Shaft - 1-3/4" x 36" (For 1" Nut)	*
3	10SH36	Shaft - 1-3/4" x 36" (For 1-1/4" Nut)	*
4	10OR13	1" I.D. x 1-1/4" O.D. O-Ring (For 1" Nut)	*
5	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring (For 1-1/4" Nut)	*
6	50CU1	5" U-Cup	2
7	50PB1	Piston (For 1" Nut)	*
8	50PB2	Piston (For 1-1/4" Nut)	*
9	10SW2	1" I.D. Internal Star Washer	1
10	10NU2	1" x 14 UNS Hex Nut	*
11	10NU3	1-1/4" x 12 UNS Hex Nut	*
12	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
13	50HP1	5" Head Plate	1
14	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal	1
15	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	1

WING LIFT CYLINDER (4" x 36")

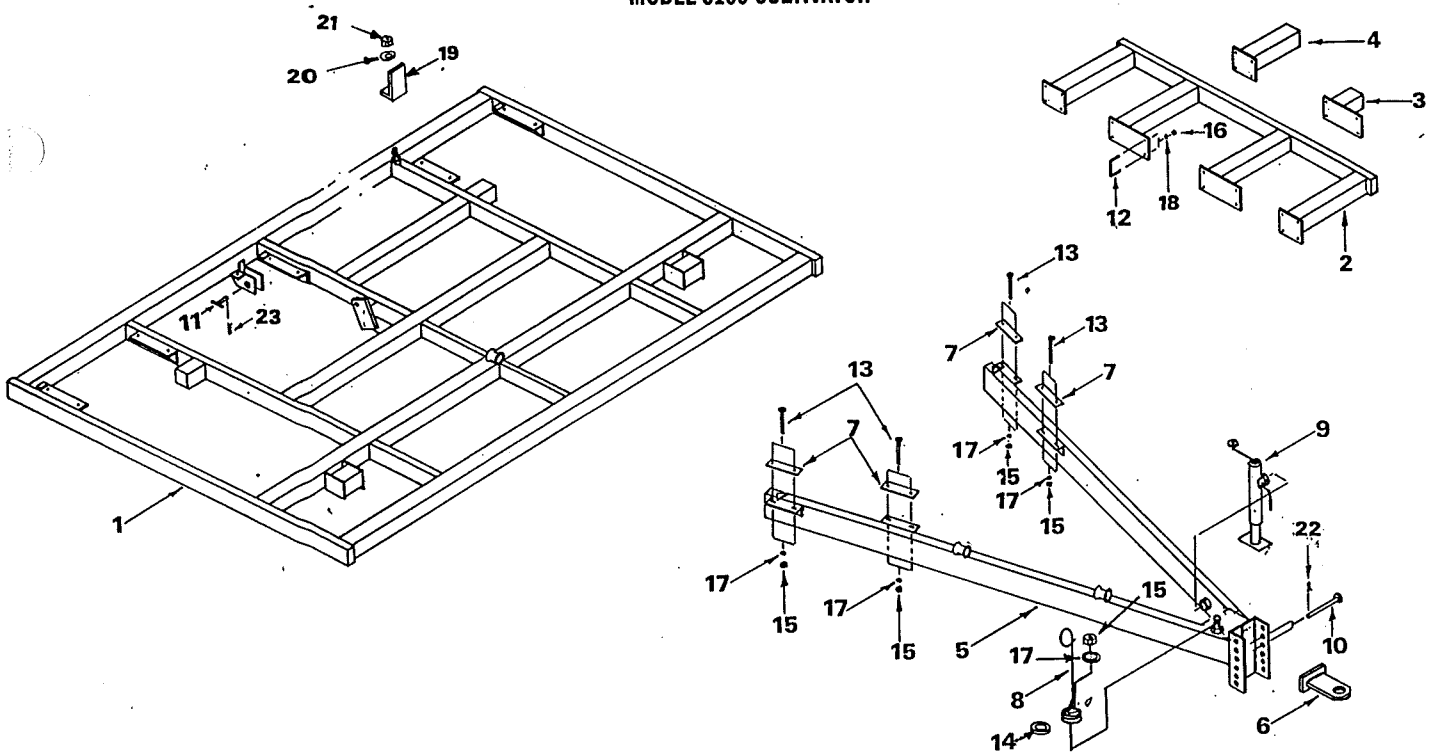
Ref. No.	Part No.	Description	Qty. Req'd
1	40TU8	Tube Assembly - 4" x 36" (Less Steel Oil Line) NOTE: If A Barrel Is Required For Cylinder #248 Order Barrel #40TU8. Then Order a 3/8" x 90 Degree Street Elbow, #DL5283, and Either a 3/8" x 52" Hose (For a 16" Main Frame) or a 3/8" x 19" Hose (For a 13-1/2" Main Frame) for the R.H. Cylinder or a 3/8" x 90 Degree Street Elbow, #DL5283, and a 3/8" x 37" Hose (For a 16" or a 13-1/2" Main Frame) for the L.H. Cylinder	
2	10SH36	Shaft - 1-3/4" x 36" (For 1-1/4" Nut)	
3	10OR19	O-Ring	
4	40CU3	4" U-Cup	
5	40PB7	Piston	
6	10SW3	1-1/4" Star Washer	
7	10NU3	1-1/4" x 12 UNS Hex Nut	
8	10OR17	O-Ring	
9	40HP4	4" O.D. x 1-3/4" I.D. Head Plate	
10	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal	
11	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	

* As Required

MODEL 3500 FREE-FLOATING HITCH MULTI-PURPOSE CULTIVATOR**CYLINDER SEAL KITS**

Kit No.	Contents	Application
4017N4	2 - 40CU3 - 4" U-Cups 1 - 100R17 - 3-5/8" I.D. x 4" O.D. O-Ring 1 - 100R13 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	4" x 36" Cylinder
5017N4	2 - 50CU1 - 5" U-Cups 1 - 100R14 - 4-1/2" I.D. x 5" O.D. O-Ring 1 - 100R19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal 1 - 100R13 - 1" I.D. x 1-1/4" O.D. O-Ring	5" x 12" & 5" x 36" Cylinders

MODEL 5100 CULTIVATOR

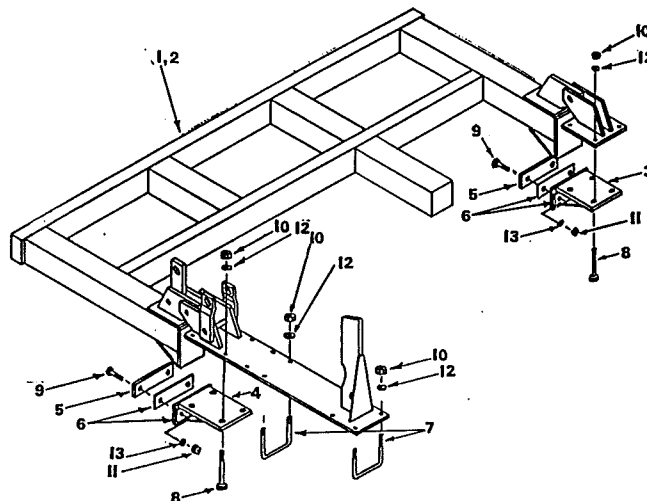


MAIN FRAME & HITCH

Ref. No.	Part No.	Description	Qty. Req'd
1	CFA60501	Main Frame Assembly	1
2	CEA50820	3" Shank Extension Wing	*
3	CEA50825	7" Stub Extension	*
4	CEA50828	15" Stub Extension	*
5	CHA60531	Hitch Assembly	1
6	CHA60540	Hitch Tongue	1
7	CH60539	Hitch Supporting Plates	4
8	DHA5161	Hose Support	1
9	DHB5170	Hitch Jack	1
10	CHA60545	Hitch Tongue Pin	2
11	CHA60548	Safety Lock Pin	1
12	CF50541	5/8" x 4" x 3-7/16" Long U-Bolt (Plated)	*

Ref. No.	Part No.	Description	Qty. Req'd
13		5/8" x 6" N.C. Hex Bolt	8
14		2" O.D. Flatwasher	1
15		5/8" N.C. Hex Nut	9
16		5/8" N.C. Hex Nut (Plated)	*
17		5/8" Lockwasher	9
18		5/8" Lockwasher (Plated)	*
19	CFA50545	"SMV" Bracket	1
20		1/2" Lockwasher	2
21		1/2" N.C. Hex Nut	2
22	DW25	Hair Pin Cotter Key	2
23	DR129	Hair Pin Cotter Key	1

* As Required

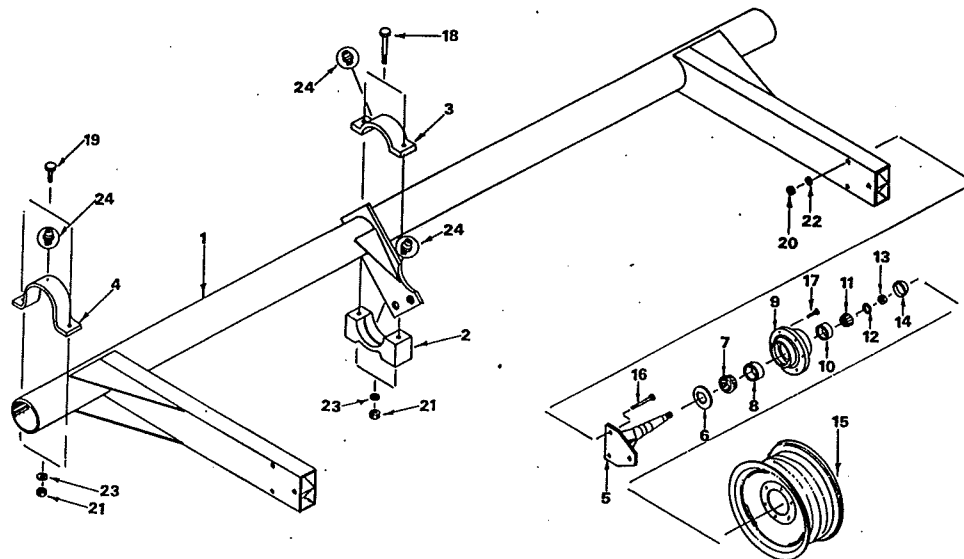


HYDRAULIC FLIP-UP EXTENSION

Ref. No.	Part No.	Description	Qty. Req'd
1	CEB50830	32" Flip-Up Extension - R.H.S.	1
2	CEB50831	32" Flip-Up Extension - L.H.S.	1
3	CEA50832	Rear Backing Plate Assembly	2
4	CEA50833	Front Backing Plate Assembly	2
5	CE50845	1/2" Shim	4
6	CE50846	1/16" Shim	12
7	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	6

Ref. No.	Part No.	Description	Qty. Req'd
8		5/8" x 6" N.C. Hex Bolt	16
9		1/2" x 2" N.C. Hex Bolt	8
10		5/8" N.C. Hex Nut	28
11		1/2" N.C. Hex Nut	8
12		5/8" Lockwasher	28
13		1/2" Lockwasher	8

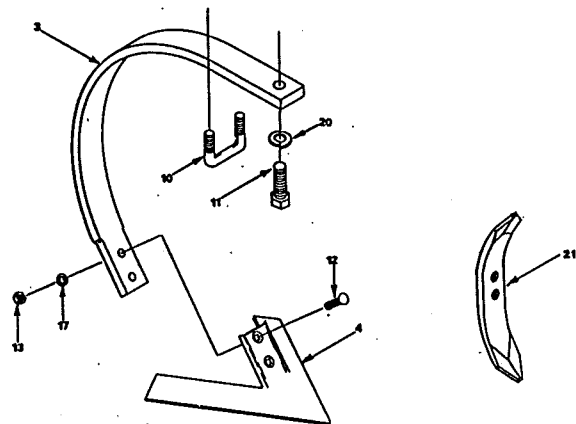
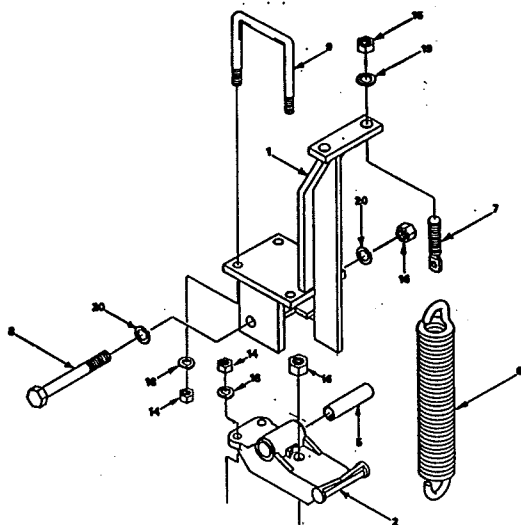
MODEL 5100 CULTIVATOR



ROCKSHAFT

Ref. No.	Part No.	Description	Qty. Req'd
1	CRA60571	Rockshaft Assembly	1
2	DR8601-T	Rockshaft Bearing	1
3	DR8601-B	Rockshaft Bearing	1
4	CR50704	Rockshaft Bearing	2
5	DRA8	Adze Assembly	2
6	DR122	Grease Seal	2
7	DR120	Cone Bearing - #LM25580	2
8	DR118	Bearing Cup - #LM25520	2
9	DRA9	Hub c/w Cups	2
10	DR92	Bearing Cup #LM48510	2
11	DR91	Cone Bearing #LM48548	2
12		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	2

Ref. No.	Part No.	Description	Qty. Req'd
13	DR110	1" N.F. Slotted Hex Nut	2
14	DR123	Hub Cap	2
15	C60160	15" x 8" 6 Bolt Rim w/Stem Protector	2
16		5/8" x 4-1/2" N.C. Hex Bolt	6
17	DR125	Wheel Stud	12
18		3/4" x 6-1/2" N.C. Hex Bolt	2
19		3/4" x 2-1/2" N.C. Hex Bolt	4
20		5/8" N.C. Hex Nut	6
21		3/4" N.C. Hex Nut	6
22		5/8" Lockwasher	2
23		3/4" Lockwasher	2
24	DR114	Spindle Weld-On c/w Nut Ref. #13	2



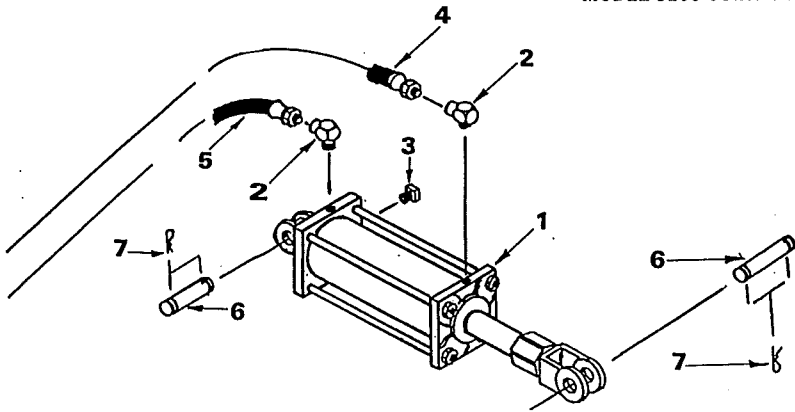
SHANK TRIP ASSEMBLY

Ref. No.	Part No.	Description	Qty. Req'd
1	CSA50741	Shank Tower (Regular)	*
2	CSA50742	Shank Tower (Special)	*
3	CSA50730	Shank Holder (East) c/w Bushing	*
4	CS60501	Shank - 1" Thick	*
5	CS50738	11-1/2" x 1/4" x 47 Degree Shovel	*
6	CS50200	Bushing	*
7	CS60500	Spring (500 lb Trip)	*
8	CS50736	5/8" Shank Spring I-Bolt	*
9	CS50735	3/4" x 5-3/4" N.C. Special Hex Bolt	*
10	CS50734	1/2" x 5-1/4" Long U-Bolt	*
11	CS50733	1/2" x 2" Long U-Bolt	*
		3/4" x 2-1/4" N.C. Hex Bolt	*

Ref. No.	Part No.	Description	Qty. Req'd
12		7/16" x 1-3/4" Plow Bolt - w/Shovel	*
		7/16" x 2" Plow Bolt - w/Spike	*
		7/16" x 2-1/4" Plow Bolt - w/Spike	*
13		7/16" N.C. Hex Nut	*
14		1/2" N.C. Hex Nut	*
15		5/8" N.C. Hex Nut	*
16		3/4" N.C. Hex Nut	*
17		7/16" Lockwasher	*
18		1/2" Lockwasher	*
19		5/8" Lockwasher	*
20		3/4" Lockwasher	*
21	CS50743	3/4" x 2" x 14" Reversible Spike	*

* As Required

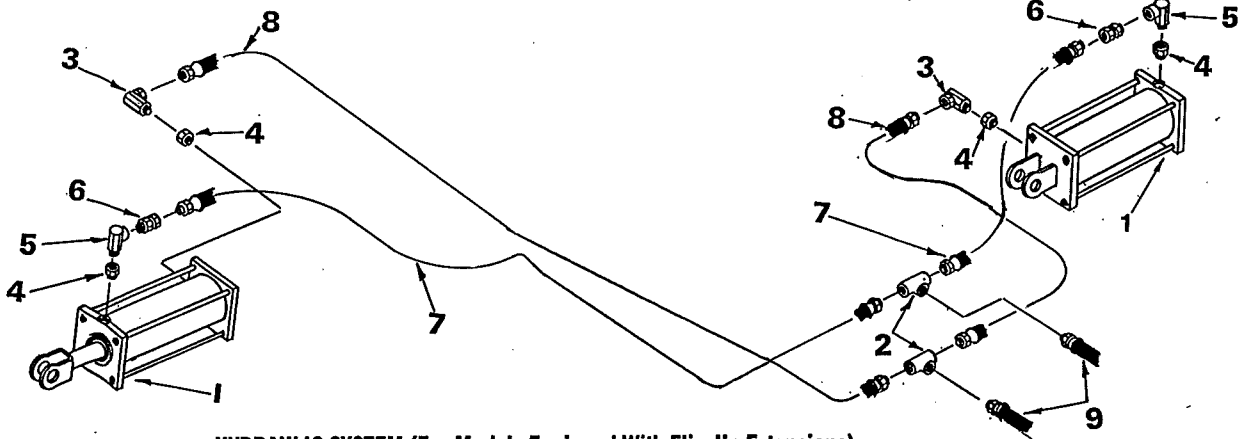
MODEL 5100 CULTIVATOR



HYDRAULIC SYSTEM

Ref. No.	Part No.	Description	Qty. Req'd
1	231	4" x 8" Rockshaft Cylinder c/w Depth Control	1
2	DL9777	1/2" x 90 Degree Street Elbow	2
3	DL5291	1/2" Plug	1
4	H216-1-1	3/8" x 216" Hydraulic Hose With 1/2" Ends	1

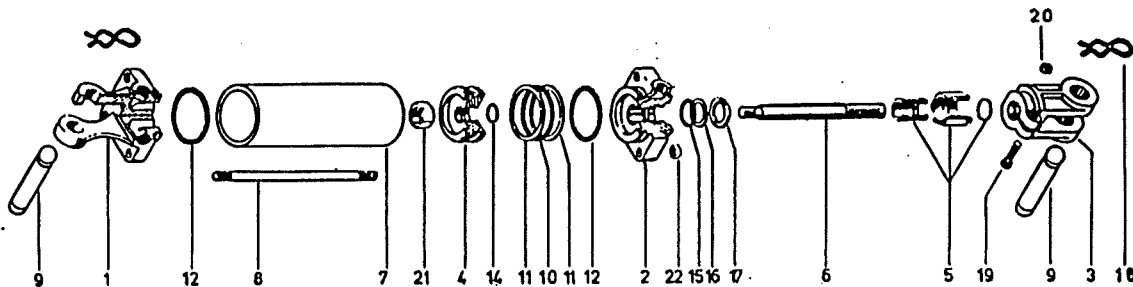
Ref. No.	Part No.	Description	Qty. Req'd
5	H204-1-1	3/8" x 204" Hydraulic Hose With 1/2" Ends	1
6		1" x 3-5/8" Long Pin (RAM Cylinder Part No. R-5900)	2
7	DR129	Hair Pin Cotter	4



HYDRAULIC SYSTEM (For Models Equipped With Flip-Up Extensions)

Ref. No.	Part No.	Description	Qty. Req'd
1	240	4" x 8" Flip-Up Extension Cylinder	2
2	DL5282	3/8" Tee	2
3	DL9769	3/8" x 90 Degree Swivel Street Elbow	2
4	DL5275	1/2" to 3/8" Reducer	4
5	DL5283	3/8" Street Elbow	2

Ref. No.	Part No.	Description	Qty. Req'd
6	DL5279	3/8" Restricted Orifice Male-Female Swivel	2
7	H56	3/8" x 56" Hydraulic Hose	2
8	H45	3/8" x 45" Hydraulic Hose	2
9	H166-1-3	3/8" x 166" Hydraulic Hose (One 1/2" End, One 3/8" End)	2



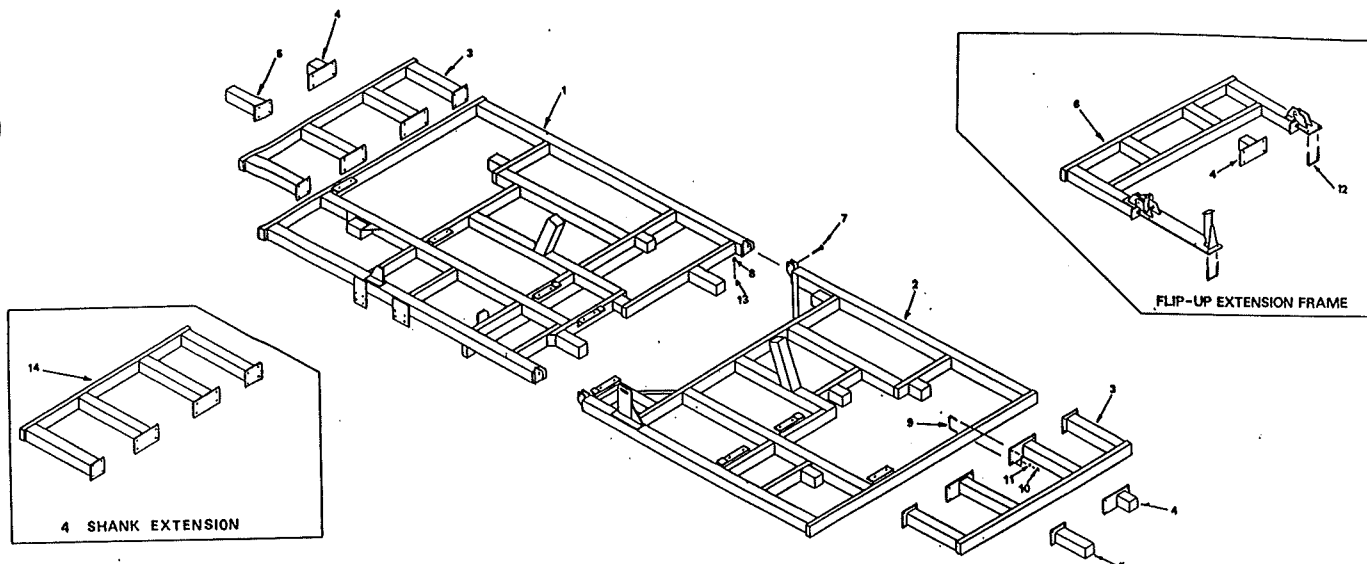
HYDRAULIC FLIP-UP EXTENSION CYLINDER (Ram Industries 4" x 8" Cylinder)

Ref. No.	Part No.	Description	Qty. Req'd
1	R-5724	Base Clevis	1
2	R-2038	Head Clevis	1
3	R-4100	Rod Clevis	1
4	R-3538	Piston	1
5	ASC2	Adjustable Stroke Control Kit (Not Used On 5300 Cultivator)	1
6	R-1565	Rod	1
7	R-1107	Cylinder Tube	1
8	R-6860	Tie Rod	4
9	R-5904	Pin	1
10		O-Ring #342, 3-5/8" x 4" DURO 70	1
11		Back-Up Washer #342	2

Ref. No.	Part No.	Description	Qty. Req'd
12		O-Ring #342, 3-5/8" x 4" DURO 90	2
14		O-Ring #214, 1" x 1-1/4"	1
15		O-Ring #218, 1-1/4" x 1-1/2"	1
16		Back-Up Washer #218	1
17		Wiper Seal, 1-1/4" x 1-5/8" x 1/4"	1
18		Hair Pin Clip	4
19		H.L. Bolt, 5/16" UNC x 1-3/4"	1
20		H.L. Nut, 5/16" UNC	1
21		Lock Nut, 1" UNF	1
22		H.L. Nut, 5/8" UNF	8
	RTK-40	Repair Kit, Consists Of Ref. Nos. 10, 11, 12, 14, 15, 16 & 17.	1

* As Required

MODEL 5200 MULTI-PURPOSE CULTIVATOR

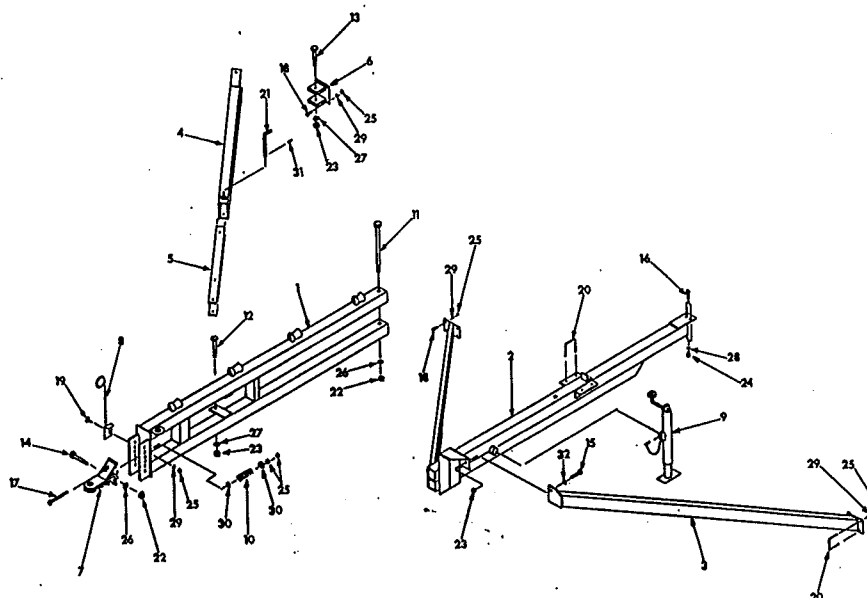


FRAME & EXTENSION

Ref. No.	Part No.	Description	Qty. Req'd
1	CFA50001	Main Frame	1
2	CWA50041	Wing Frame	1
3	CEA50820	3" Shank Extension Wing	*
4	CEA50825	6" Stub Extension	*
5	CEA50828	14" Stub Extension	*
6	CEA50080	Hydraulic Flip-Up Extension Wing	*
7	CF50050	1" x 4-1/4" Special Hinge Bolt	2

Ref. No.	Part No.	Description	Qty. Req'd
8	L1574	1" N.C. Slotted Hex Nut	2
9	CF50541	5/8" x 4" x 3-7/16" Long U-Bolt - Plated	*
10		5/8" N.C. Hex Nut - Plated	*
11		5/8" Lockwasher - Plated	*
12	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt - Plated	*
13		3/16" x 1-1/2" Cotter Pin	*
14	CEA50070	Order #CEA50820 and #CEA50825	4

★ As Required

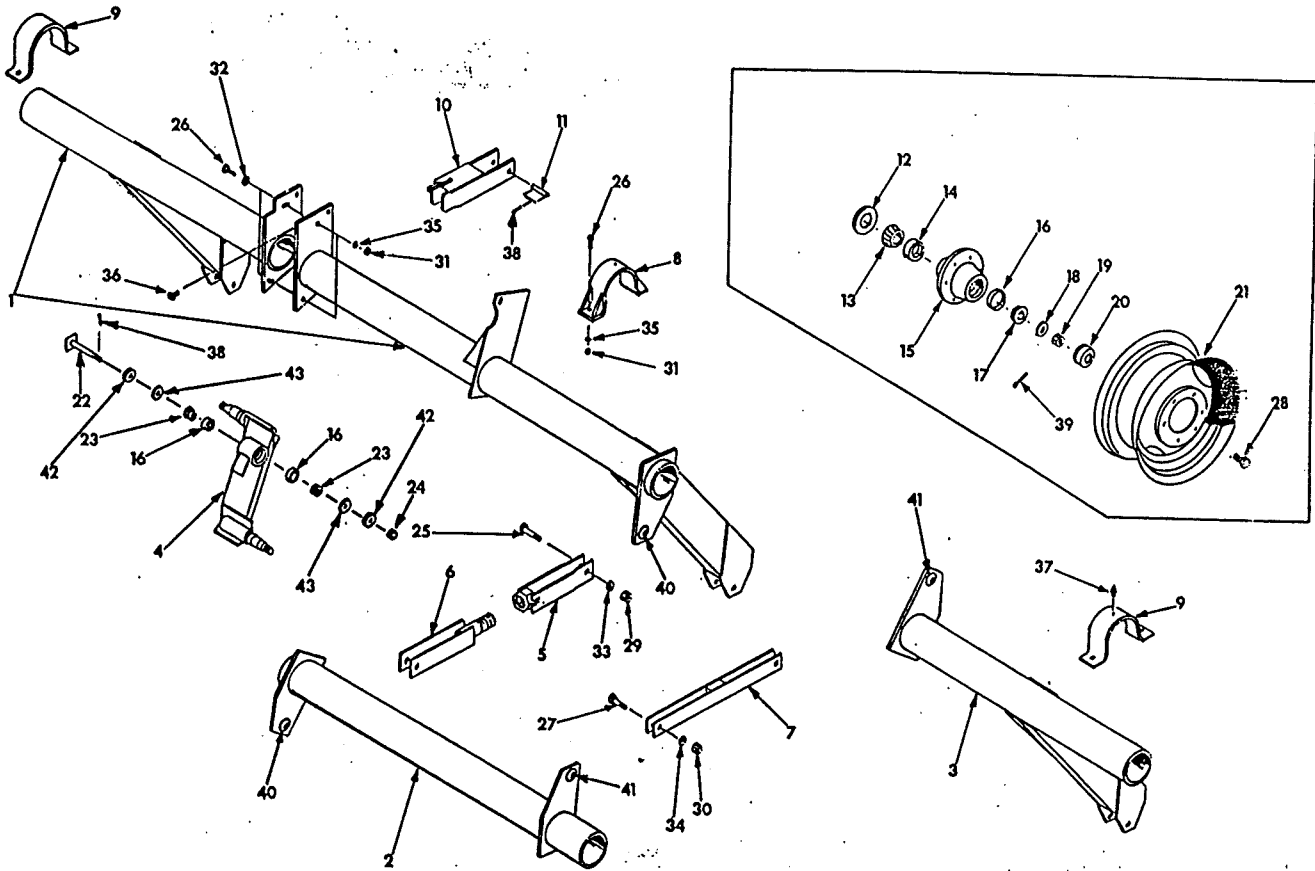


HITCH

Ref. No.	Part No.	Description	Qty. Req'd
1	CHAS0091	Swing Drawbar Assembly	1
2	CHAS0105	Center Drawbar Assembly	1
3	CHAS0120	Wing Brace	1
4	CHAS0126	Female Half Telescopic Brace	1
5	CHAS0131	Male Half Telescopic Brace	1
6	CHAS0138	Telescopic Attaching Assembly	1
7	CHAS0630	Clevis Assembly	1
8	DHAS161	Hose Support	1
9	DH85170	Hitch Jack	1
10	CHS0619	Hitch Tongue Spring	1
11		1-1/4" x 18-1/2" N.C. Hex Bolt	1
12		1" x 9-1/2" N.C. Hex Bolt	1
13		1" x 9" N.C. Hex Bolt	1
14		1-1/4" x 7" N.C. Hex Bolt	1
15		1" x 3-1/2" N.C. Hex Bolt	1
16		3/4" x 2" N.C. Hex Bolt	2

Ref. No.	Part No.	Description	Qty. Req'd
17	DG6080 CHA50145	5/8" x 7-1/2" N.C. Hex Bolt	1
18		5/8" x 2" N.C. Hex Bolt	8
19		5/8" x 1-1/2" N.C. Carriage Head Bolt	1
20		5/8" x 4" x 5-7/16" Long U-Bolt	4
21		Pin	1
22		1-1/4" N.C. Hex Nut	2
23		1" N.C. Hex Nut	3
24		3/4" N.C. Hex Nut	2
25		5/8" N.C. Hex Nut	18
26		1-1/4" Lockwasher	2
27		1" Lockwasher	3
28		3/4" Lockwasher	2
29		5/8" Lockwasher	18
30		1-1/2" O.D. x 11/16" I.D. Flatwasher	2
31		Hair Pin Cotter	1
32		CH50136	2" O.D. x 1-1/16" I.D. x 1/2" Bushing

MODEL 5200 MULTI-PURPOSE CULTIVATOR



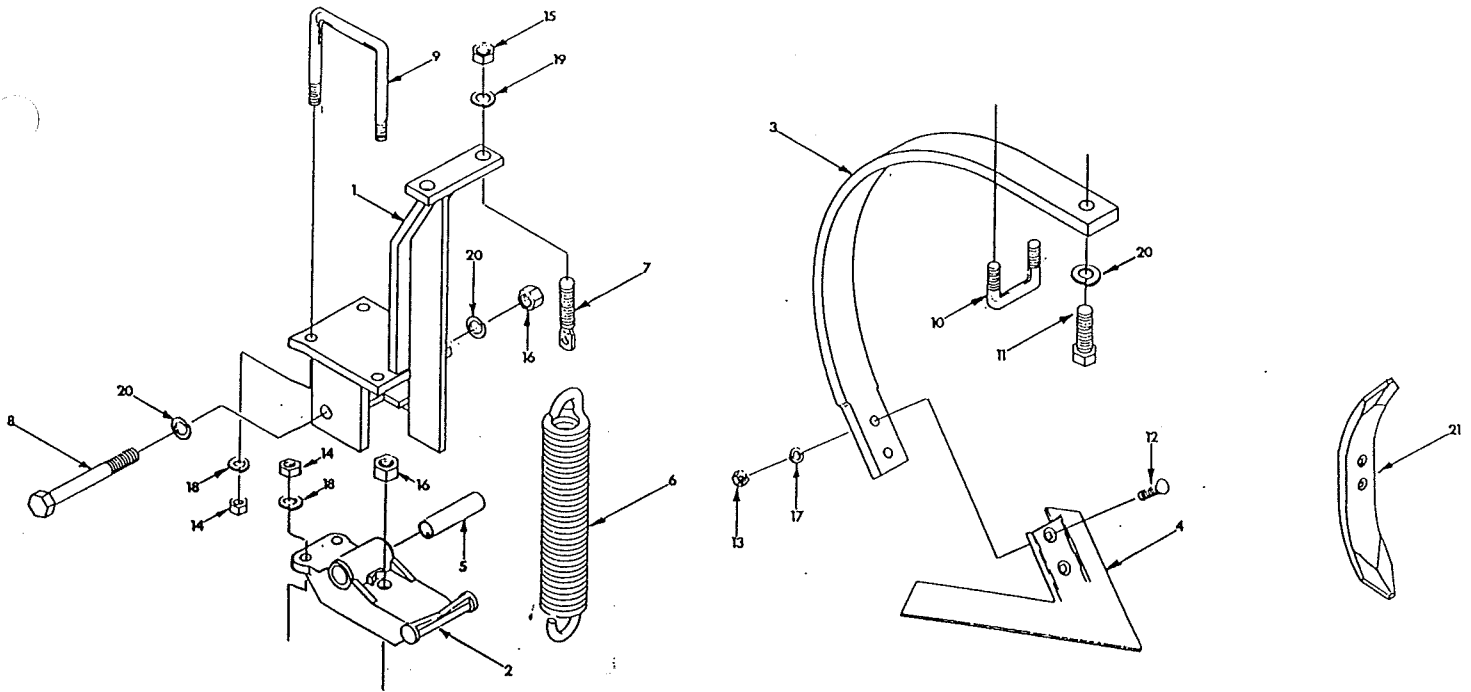
ROCKSHAFT & WHEEL

Ref. No.	Part No.	Description	Qty. Req'd
1	CRB50184	Main Frame Rockshaft Assembly - Includes L.H. & R.H. Halves, & Ref. Nos. 26, 31, 32, 35 & 36	1
2	CRA50160	Intermediate Rockshaft Assembly	1
3	CRA50681	Wing Frame Rockshaft Assembly	1
4	CRA50684	R.H. Walking Beam	1
	CRA50685	L.H. Walking Beam	1
	CRA50165	Center Walking Beam	1
5	CRA50698	Rockshaft Link - Female Half	1
6	DRA9620	Rockshaft Link - Male Half	1
7	CRA50700	Solid Rockshaft Link Assembly	1
8	CRS0703	Reinforced Rockshaft Bearing	6
9	CRS0704	Standard Rockshaft Bearing	2
10	CRA50170	Rockshaft Cylinder Lock-Up Bracket	1
11	CRS0174	Lock-Up Pin	1
12	DR122	Grease Seal	6
13	DR120	Cone Bearing #LM25580	6
14	DR118	Bearing Cup #LM25520	6
15	DRA9	Hub c/w Cups	6
16	DR92	Bearing Cup #LM48510	12
17	DR91	Cone Bearing #LM4848	6
18		2" O.D. x 1-1/16" I.D. Flatwasher	6
19	DR110	1" N.F. Slotted Hex Nut	6
20	DR123	Hub Cap	6

Ref. No.	Part No.	Description	Qty. Req'd
21	DR127	15" x 8" 6 Bolt Rim (Uses 9.5L x 15 6 Ply Tires)	6
22	CRA50695	Walking Beam Spindle	3
23	CRS0707	Cone Bearing #LM48500 LA 90034	6
24	CRS0694	1-3/8" N.F. Slotted Hex Nut	3
25	DR5215	1-1/4" x 4-1/4" N.C. Hex Bolt (Special)	2
26		3/4" x 2-1/4" N.C. Hex Bolt	18
27	CF50540	1" x 3" N.C. Hex Bolt (Special)	2
28	DR125	Wheel Bolt	36
29		1-1/4" N.C. Hex Nut	2
30		1" N.C. Hex Nut	2
31		3/4" N.C. Hex Nut	18
32		2" O.D. x 13/16" I.D. x 1/8" Flatwasher	2
33		1-1/4" Lockwasher	2
34		1" Lockwasher	2
35		3/4" Lockwasher	18
36		5/8" x 2" Set Screw	1
37	10GN1	1/4" - 28 Grease Fitting	11
38		1/4" x 2" Cotter Pin	5
39		3/16" x 1-1/4" Cotter Pin	6
40	DP5227	1-1/4" Ball Joint (Weld-On)	2
41	CRS0176	1" Ball Joint (Weld-On)	2
42	CRS0177	2-1/8" O.D. x 1-3/8" I.D. x .075 Thick Machinery Bushing	2
43	CRS0178	2-1/8" O.D. x 1-3/8" I.D. x .130 Thick Machinery Bushing	2

* As Required

MODEL 5200 MULTI-PURPOSE CULTIVATOR

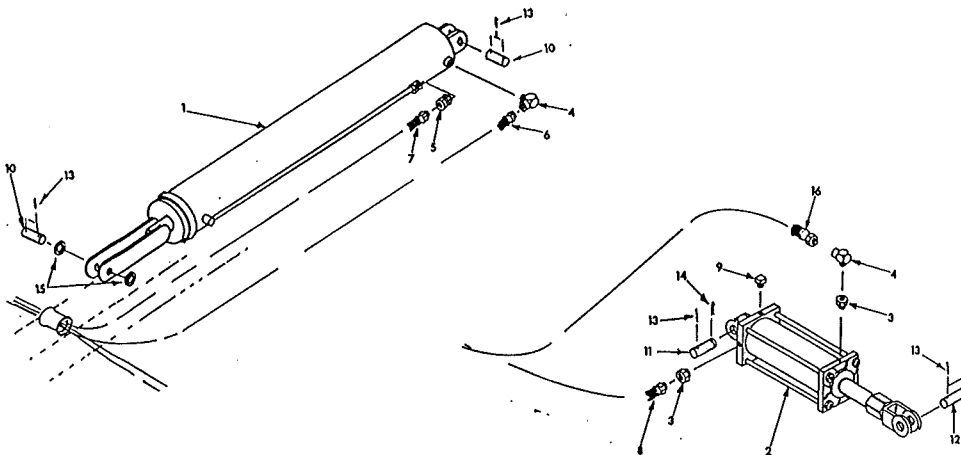


SHANK TRIP ASSEMBLY

Ref. No.	Part No.	Description	Qty. Req'd
1	CSA50741	Shank Tower	*
2	CS50740	Shank Holder	*
3	CS50739	Shank - 7/8\"	*
4	CS50732	Shank - 3/4\"	*
5	CS50738	11-1/2\"	*
6	CS50200	Nylon Bushing	*
7	CS50737	Spring - 250 lb Trip	*
8	CS50850	Spring - 330 lb Trip	*
9	CS50736	5/8\"	*
10	CS50735	3/4\" x 5-3/4\" N.C. Special Hex Bolt	*
11	CS50734	1/2\" x 5-1/4\" Long U-Bolt	*
12	CS50733	1/2\" x 2\" Long U-Bolt	*

Ref. No.	Part No.	Description	Qty. Req'd
11		3/4\" x 2\" N.C. Hex Bolt	*
12		7/16\" x 1-3/4\" Plow Bolt	*
13		7/16\" N.C. Hex Nut	*
14		1/2\" N.C. Hex Nut	*
15		5/8\" N.C. Hex Nut	*
16		3/4\" N.C. Hex Nut	*
17		7/16\" Lockwasher	*
18		1/2\" Lockwasher	*
19		5/8\" Lockwasher	*
20		3/4\" Lockwasher	*
21	CS50743	Spike	*

* As Required



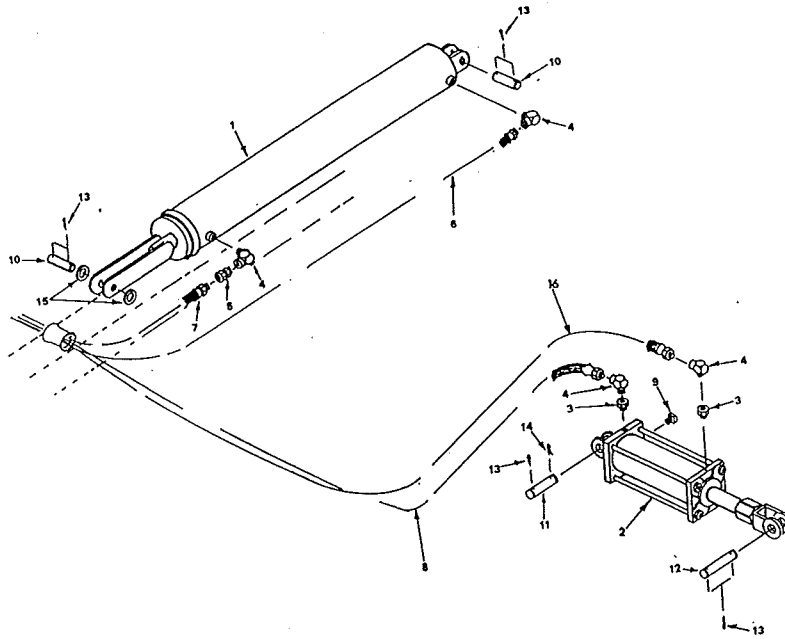
HYDRAULIC SYSTEM (For Models Less Flip-Up Extension) Models Shipped Prior To January, 1987

Ref. No.	Part No.	Description	Qty. Req'd
1	215	5\" x 36\" Wing Lift Cylinder (Order Cylinder #242*)	1
2	231	4\" x 8\" Rockshaft Cylinder c/w Depth Control	1
3	DL5275	1/2\" x 3/8\" Reducer	2
4	DL5283	3/8\" x 90 Degree Street Elbow	2
5	DL5279	3/8\" Male-Female Restricted Orifice Swivel	1
6	H228	3/8\" x 228\" Hydraulic Hose	1
7	H240	3/8\" x 240\" Hydraulic Hose	1
8	H192	3/8\" x 192\" Hydraulic Hose	1

Ref. No.	Part No.	Description	Qty. Req'd
9	DL5291	1/2\" Plug	1
10	DR5252	1-1/4\" x 4-1/8\" Long Pin	2
11		REFER TO HYDRAULIC CYLINDER PARTS LIST	1
12	CR50174	1\" x 4-3/4\" Long Pin	1
13		1/4\" x 2\" Cotter Pin	7
14	DR129	Hair Pin Cotter	1
15	DF5068	1-5/16\" I.D. x 2\" O.D. x 1/4\" Thick Washer	2
16	H200	3/8\" x 200\" Hydraulic Hose	1

* When Cylinder #242 Is Used (Or When a New 5\" x 36\" Barrel #50TU8 Is Used), the 3/8\" x 240\" Hose, Arrow 7, Can Be Shorter.

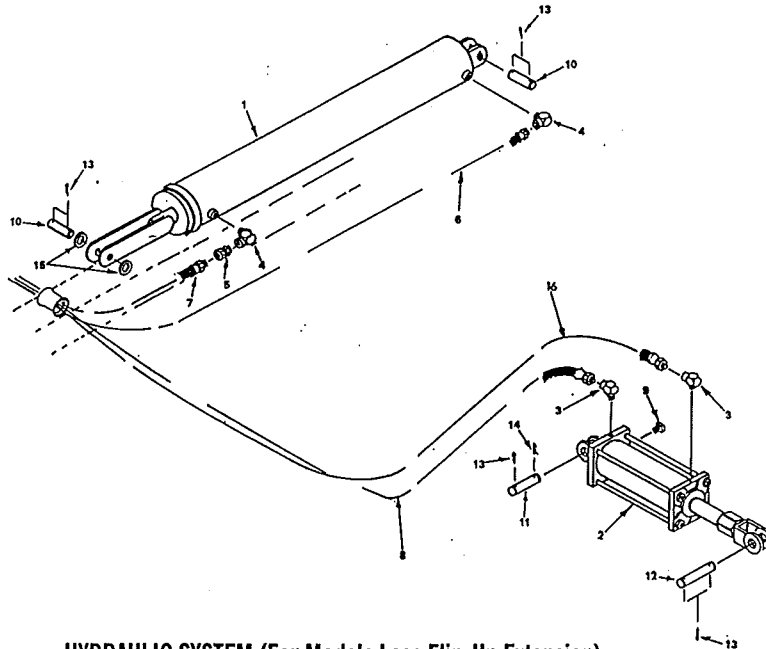
MODEL 5200 MULTI-PURPOSE CULTIVATOR



HYDRAULIC SYSTEM (For Models Less Flip-Up Extension)
Models Shipped From January 1987 to March 14, 1988

Ref. No.	Part No.	Description	Qty. Req'd
1	242	5" x 36" Wing Lift Cylinder	1
2	231	4" x 8" Rockshaft Cylinder c/w Depth Control	1
3	DL5275	1/2" x 3/8" Reducer	2
4	DL5283	3/8" x 90 Degree Street Elbow	3
5	DL5279	3/8" Male-Female Restricted Orifice Swivel	1
6	H228	3/8" x 228" Hydraulic Hose	1
7	H190	3/8" x 190" Hydraulic Hose	1
8	H192	3/8" x 192" Hydraulic Hose	1

Ref. No.	Part No.	Description	Qty. Req'd
9	DL5291	1/2" Plug	1
10	DR5252	1-1/4" x 4-1/8" Long Pin	2
11		REFER TO HYDRAULIC CYLINDER PARTS LIST	1
12	CR50174	1" x 4-3/4" Long Pin	1
13		1/4" x 2" Cotter Pin	7
14	DR129	Hair Pin Cotter	1
15	DL5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	2
16	H200	3/8" x 200" Hydraulic Hose	1

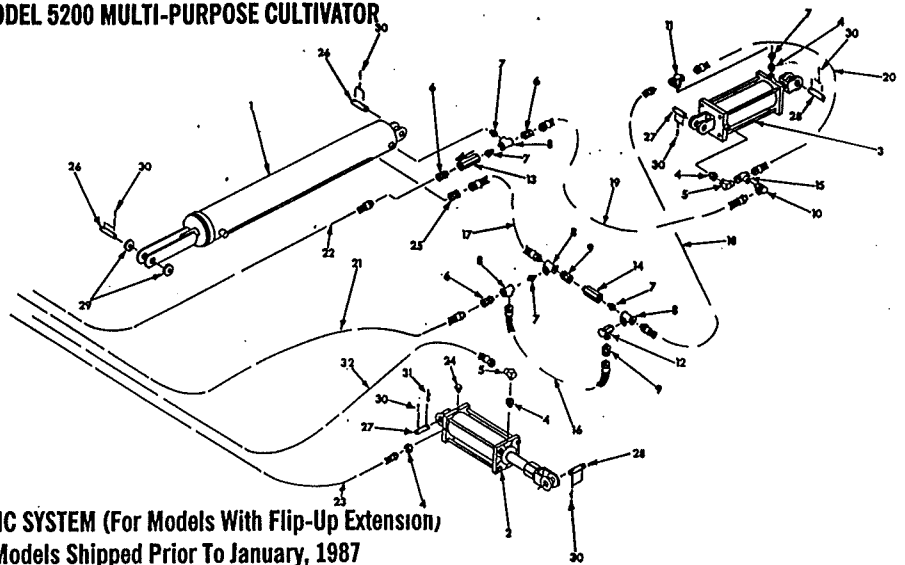


HYDRAULIC SYSTEM (For Models Less Flip-Up Extension)
Models Shipped After March 14, 1988

Ref. No.	Part No.	Description	Qty. Req'd
1	242	5" x 36" Wing Lift Cylinder	1
2	231	4" x 8" Rockshaft Cylinder c/w Depth Control	1
3	DL9777	1/2" x 90 Degree Street Elbow	2
4	DL5283	3/8" x 90 Degree Street Elbow	2
5	DL5279	3/8" Male-Female Restricted Orifice Swivel	1
6	H228-1-3	3/8" x 228" Hydraulic Hose, w/One 1/2" End, & One 3/8" End	1
7	H190-1-3	3/8" x 190" Hydraulic Hose, w/One 1/2" End, & One 3/8" End	1
8	H192-1-1	3/8" x 192" Hydraulic Hose, with 1/2" Ends	1

Ref. No.	Part No.	Description	Qty. Req'd
9	DL5291	1/2" Plug	1
10	DR5252	1-1/4" x 4-1/8" Long Pin	2
11		REFER TO HYDRAULIC CYLINDER PARTS LIST	1
12	CR50174	1" x 4-3/4" Long Pin	1
13		1/4" x 2" Cotter Pin	7
14	DR129	Hair Pin Cotter	1
15	DL5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	2
16	H200-1-1	3/8" x 200" Hydraulic Hose, With 1/2" Ends	1

MODEL 5200 MULTI-PURPOSE CULTIVATOR

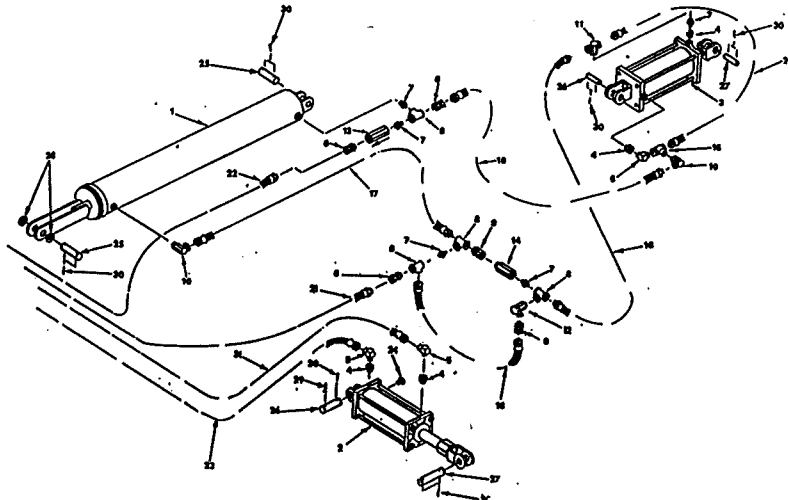


HYDRAULIC SYSTEM (For Models With Flip-Up Extension)
Models Shipped Prior To January, 1987

Ref. No.	Part No.	Description	Qty. Req'd
1	215	5" x 36" Wing Lift Cylinder (Order Cylinder #242*)	1
2	231	4" x 8" Rockshaft Cylinder c/w Depth Control	1
3	240	4" x 8" Flip-Up Extension Cylinder	1
4	DL5275	1/2" x 3/8" Reducer	4
5	DL5283	3/8" x 90 Degree Street Elbow	2
6	L1619	3/8" Male-Female Swivel	3
7	CL50234	3/8" Male Union	5
8	DL5282	3/8" x 3/8" x 3/8" Tee	4
9	DL5279	3/8" Male-Female Restricted Orifice Swivel	2
10	DL9769	3/8" x 90 Degree Swivel Street Elbow	1
11	DL9767	3/8" Swivel Tee	1
12	CL50230	3/8" x 90 Degree Check Valve	1
13	CL50231	3/8" One-Way Restrictor Check Valve	1
14	CL50232	3/8" Oil-Relief Valve	1
15	CL50233	3/8" Lock-Out Valve	1
16	H13	3/8" x 13" Hydraulic Hose	1

Ref. No.	Part No.	Description	Qty. Req'd
17	H19	3/8" x 19" Hydraulic Hose	1
18	H36	3/8" x 36" Hydraulic Hose	1
19	H42	3/8" x 42" Hydraulic Hose	1
20	H19-3	1/4" x 19" Hydraulic Hose w/One (1) 3/8" End	1
21	H240	3/8" x 240 Hydraulic Hose	1
22	H228	3/8" x 228" Hydraulic Hose	1
23	H192	3/8" x 192" Hydraulic Hose	1
24	DL5291	1/2" Plug	1
25	L29	3/8" Female-Female Swivel	1
26	DR5252	1-1/4" x 4-1/8" Long Pin	2
27		REFER TO HYDRAULIC CYLINDER PARTS LIST	2
28	CR50174	1" x 4-3/4" Long Pin	2
29	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	2
30		1/4" x 2" Cotter Pin	11
31	DR129	Hair Pin Cotter	1
32	H200	3/8" x 200" Hydraulic Hose	1

* When Cylinder #242 Is Used (Or When A New 5" x 36" Barrel #50TUB Is Used), The Hose, Arrow 17, Must Be 53" Long Instead Of 19" Long. A 3/8" x 90 Degree Street Elbow Is Required For The Shaft End Port.

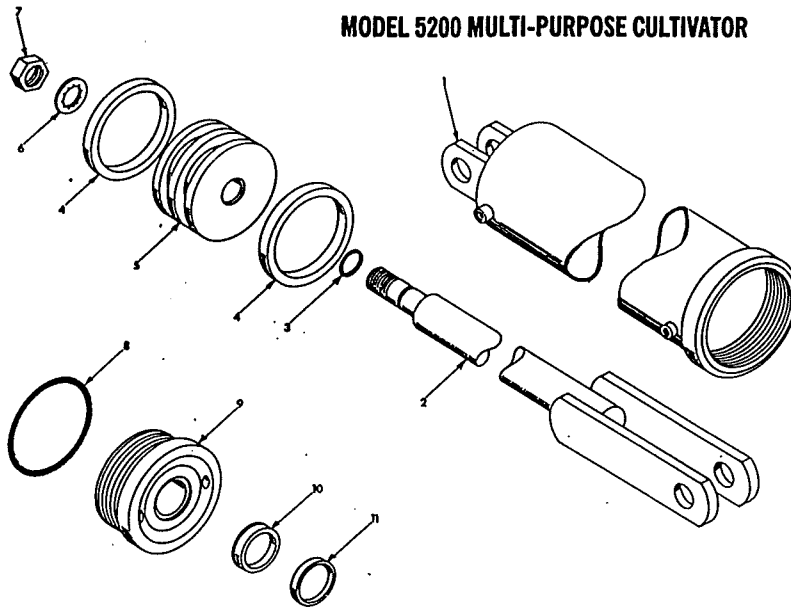


HYDRAULIC SYSTEM (For Models With Flip-Up Extension)
Models Shipped From January 1987 to March 14, 1988

Ref. No.	Part No.	Description	Qty. Req'd
1	242	5" x 36" Wing Lift Cylinder	1
2	231	4" x 8" Rockshaft Cylinder c/w Depth Control	1
3	240	4" x 8" Flip-Up Extension Cylinder	1
4	DL5275	1/2" x 3/8" Reducer	4
5	DL5283	3/8" x 90 Degree Street Elbow	2
6	L1619	3/8" Male-Female Swivel	3
7	CL50234	3/8" Male Union	5
8	DL5282	3/8" x 3/8" x 3/8" Tee	4
9	DL5279	3/8" Male-Female Restricted Orifice Swivel	2
10	DL9769	3/8" x 90 Degree Swivel Street Elbow	1
11	DL9767	3/8" Swivel Tee	1
12	CL50230	3/8" x 90 Degree Check Valve	1
13	CL50231	3/8" One-Way Restrictor Check Valve	1
14	CL50232	3/8" Oil-Relief Valve	1
15	CL50233	3/8" Lock-Out Valve	1
16	H13	3/8" x 13" Hydraulic Hose	1

Ref. No.	Part No.	Description	Qty. Req'd
17	H53	3/8" x 53" Hydraulic Hose	1
18	H36	3/8" x 36" Hydraulic Hose	1
19	H42	3/8" x 42" Hydraulic Hose	1
20	H19-3	1/4" x 19" Hydraulic Hose w/One (1) 3/8" End	1
21	H240	3/8" x 240 Hydraulic Hose	1
22	H228	3/8" x 228" Hydraulic Hose	1
23	H192	3/8" x 192" Hydraulic Hose	1
24	DL5291	1/2" Plug	1
25	DR5252	1-1/4" x 4-1/8" Long Pin	2
26		REFER TO HYDRAULIC CYLINDER PARTS LIST	2
27	CR50174	1" x 4-3/4" Long Pin	2
28	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	2
29	DR129	Hair Pin Cotter	1
30		1/4" x 2" Cotter Pin	11
31	H200	3/8" x 200" Hydraulic Hose	1

MODEL 5200 MULTI-PURPOSE CULTIVATOR



HYDRAULIC CYLINDER (5" x 36" Cylinder)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU8	Tube Assembly - 5" x 36" **	1
2	10SH28	Shaft - 1-3/4" x 36" (1" Nut)	*
	10SH36	Shaft - 1-3/4" x 36" (1-1/4" Nut)	*
3	10OR13	O-Ring - 1" I.D. x 1-1/4" O.D. (1" Nut)	*
	10OR19	O-Ring - 1-1/8" I.D. x 1-1/4" O.D. (1-1/4" Nut)	*
4	50CU1	U-Cup - 5" x 4-1/2" x 9/16"	2
5	50PB1	Piston (1" Nut)	*
	50PB2	Piston (1-1/4" Nut)	*

Ref. No.	Part No.	Description	Qty. Req'd
6	10SW2	Internal Star Washer - 1" I.D.	1
7	10NU2	1" x 14 UNS Hex Nut (1" Nut)	*
	10NU3	1-1/4" x 12 UNS Hex Nut (1-1/4" Nut)	*
8	10OR14	O-Ring - 4-1/2" I.D. x 5" O.D.	1
9	50HP1	Head Plate - 1-3/4" x 5" O.D.	1
10	10RS3	Rod Seal - 1-3/4" x 2-1/8" x 3/8"	1
11	10WS3	Wiper Seal - 1-3/4" x 2-1/8" x 3/16"	1

* As Required

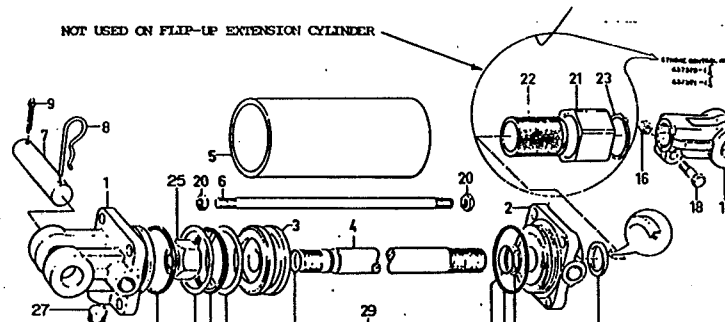
** If A New Barrel Is Required For Cylinder #215, Order Barrel #50TU8.

(i) If Your Cultivator Is LESS The Hydraulic Flip-Up Extension, ALSO Order The Following:

- (a) One (1) 3/8" x 90 Degree Street Elbow #DL5283
- (b) One (1) 3/8" x 194" Hydraulic Hose #H194

(ii) If Your Cultivator Is WITH The Hydraulic Flip-Up Extension, ALSO Order The Following:

- (a) One (1) 3/8" x 90 Degree Street Elbow #DL9769
- (b) One (1) 3/8" x 53" Hydraulic Hose #H53

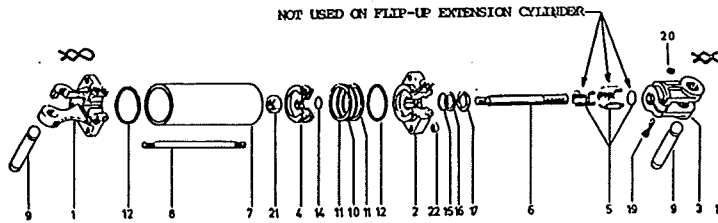


HYDRAULIC CYLINDER(Monarch Industries 4" x 8" Cylinder)

Ref. No.	Part No.		Description	Qty. Req'd
	Monarch	Ezee-On		
1	H6804	N/A	Clevis Cap	1
2	H6824	N/A	Rod Cap	1
3	H6834	N/A	Piston	1
4	H6488	N/A	Rod	1
5	H6258	N/A	Cylinder Tube	1
6	H6578	N/A	Tie Rod	4
7	H2091	N/A	1" Pin	2
8	H2100	N/A	Clip Pin	2
9	134995	N/A	Cotter Pin	2

Ref. No.	Part No.		Description	Qty. Req'd
	Monarch	Ezee-On		
16	128230	N/A	Nut, Clevis	1
17	H7600	N/A	Rod, Clevis	1
18	119254	N/A	Bolt, Clevis	1
20	128250	N/A	Nut, Tie Rod	8
21	637371	N/A	Stroke Control (Not Used On Flip-Up Extension Cylinder)	1
25	129110	N/A	Nut, Piston	1
27	186540	N/A	Plug	1
29	RK40TR	4015 Mon	Seal Kit	1

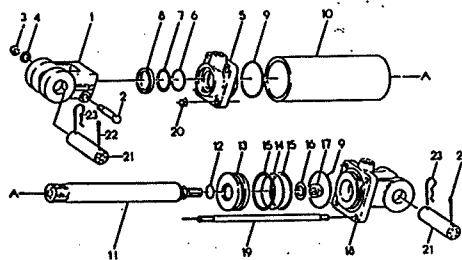
MODEL 5200 MULTI-PURPOSE CULTIVATOR



HYDRAULIC CYLINDER (Ram Industries 4" x 8" Cylinder)

Ref. No.	Part No.		Description	Qty. Req'd
	Ram	Ezee-On		
1	R-5724	N/A	Base Clevis	1
2	R-2038	N/A	Head Clevis	1
3	R-4100	N/A	Rod Clevis	1
4	R-3538	N/A	Piston	1
5	ASC2	N/A	Adjustable Stroke Control Kit (Not Used On Flip-Up Extension Cylinder)	1
6	R-1565	N/A	Rod	1
7	R-1107	N/A	Cylinder Tube	1
8	R-6860	N/A	Tie Rod	4
9	R-5900	N/A	Pin	1
10	N/A	N/A	O-Ring, #342, 3-5/8" x 4" DURO 70	1
11	N/A	N/A	Back-Up Washer, #342	2

Ref. No.	Part No.		Description	Qty. Req'd
	Ram	Ezee-On		
12	N/A	N/A	O-Ring, #342, 3-5/8" x 4" DURO 90	2
14	N/A	N/A	O-Ring, #214, 1" x 1-1/4"	1
15	N/A	N/A	O-Ring, #218, 1-1/4" x 1-1/2"	1
16	N/A	N/A	Back-Up Washer, #218	1
17	N/A	N/A	Wiper Seal, 1-1/4" x 1-5/8" x 1/4"	1
18	N/A	N/A	Hair Pin Clip	4
19	N/A	N/A	H.H. Bolt, 5/16" UNC x 1-3/4"	1
20	N/A	N/A	H.H. Nut, 5/16" UNC	1
21	N/A	N/A	Locknut, 1" UNF	1
22	N/A	N/A	H.H. Nut, 5/8" UNF	8
	RTK-40	4015 Ram	Repair Kit, Consisting Of Ref. Nos. 10, 11, 12, 14, 15, 16, & 17	1



HYDRAULIC CYLINDER (Shur-Lift Industries 4" x 8" Cylinder)

Ref. No.	Part No.		Description	Qty. Req'd
	Shur-Lift	Ezee-On		
1	N/A	N/A	Shaft Clevis	1
2	N/A	N/A	Bolt	1
3	N/A	N/A	Nut	1
4	N/A	N/A	Lockwasher	1
5	9702416	N/A	Head	1
6	N/A	N/A	O-Ring	2
	N/A	N/A	Back-Up Washer	1
	N/A	N/A	Wiper	1
	N/A	N/A	O-Ring	1
9	N/A	N/A	Tube	1
10	9362609	N/A	Shaft	1
11	9351453	N/A	Shaft	1
12	N/A	N/A	O-Ring	1
13	9700204	N/A	Piston	1

Ref. No.	Part No.		Description	Qty. Req'd
	Shur-Lift	Ezee-On		
14	N/A	N/A	O-Ring	1
15	N/A	N/A	Back-Up Washer	2
16	N/A	N/A	Washer	*
17	9857855	N/A	Locknut	1
18	9702408	N/A	Base	1
19	9352204	N/A	Tie Rod	4
20	9857590	N/A	Locknut	4
21	N/A	N/A	Clevis Pin	2
22	N/A	N/A	Cotter Pin	2
23	N/A	N/A	Pin Clip	2
	9343294	4015 SL	Seal Kit, Consisting Of Ref. Nos. 6, 7, 8, 9, 12, 14 and 15	*
	9342304	N/A	Pin Kit, Consisting Of Ref. Nos. 21, 22, and 23	*
	9701517	N/A	Shaft Clevis Kit, Consisting Of Ref. Nos. 1, 2, 3, and 4	*

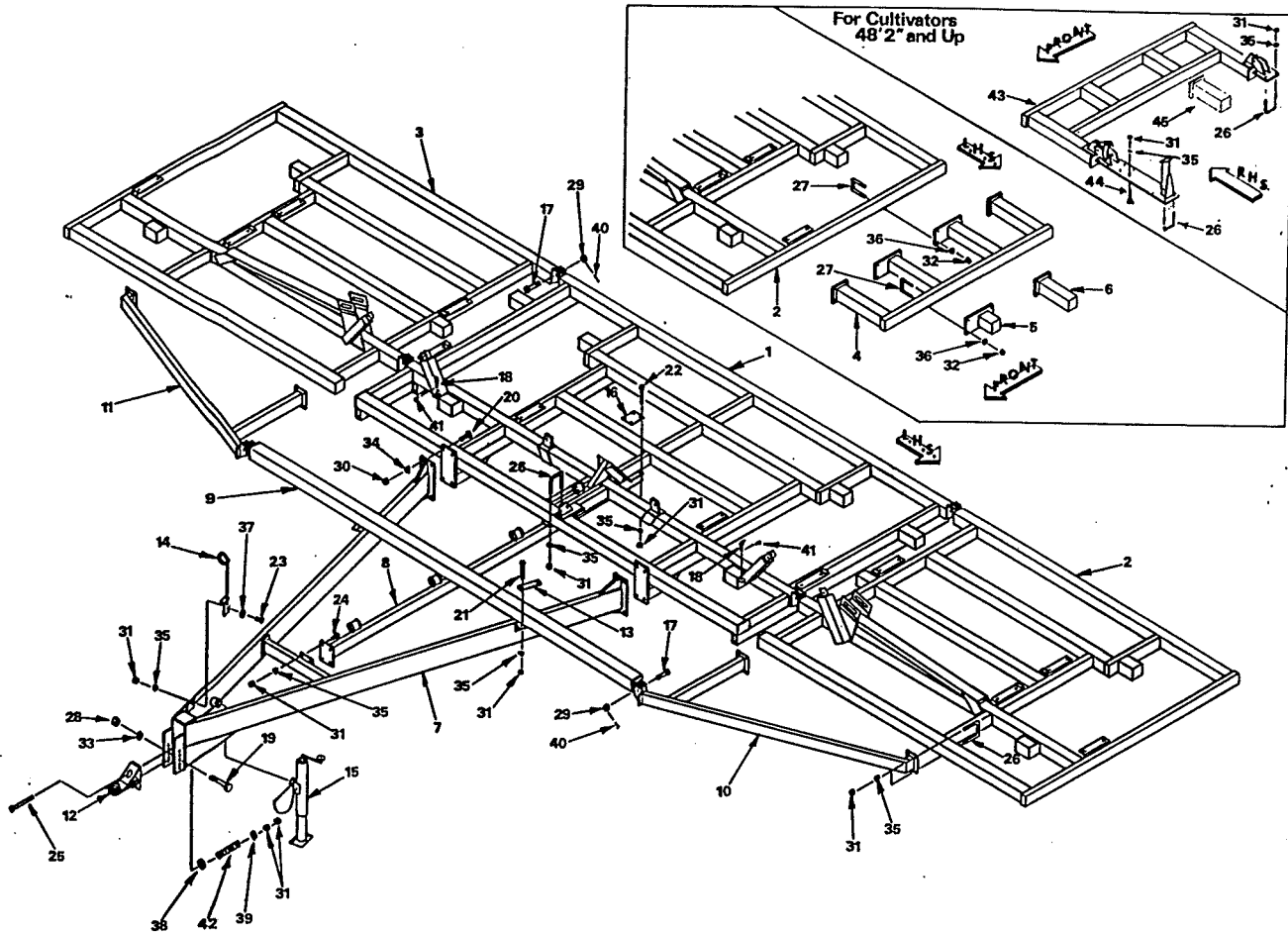
* As Required

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CYLINDER SEAL KITS

Kit. No.	Contents	Application
5017N4	2 - 50CU1 - 5" U-Cups 1 - 100R14 - 4-1/2" I.D. x 5" O.D. O-Ring 1 - 100R19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - Rod Seal 1 - 10WS3 - Wiper Seal 1 - 100R13 - 1" I.D. x 1-1/4" O.D. O-Ring	5" x 36" Cylinder
MONARCH INDUSTRIES RK40TR	Complete Seal Kit Includes O-Rings And Seals Supplied By Monarch Industries	4" x 8" Cylinder
RAM INDUSTRIES RTK-40	1 - #342 - 3-5/8" x 4" O-Ring DURO 70 2 - #342 - Back-Up Washer 2 - #342 - 3-5/8" x 4" O-Ring DURO 90 1 - #214 - 1" x 1-1/4" O-Ring 1 - #218 - 1-1/4" x 1-1/2" O-Ring 1 - #218 - Back-Up Washer 1 - - 1-1/4" x 1-5/8" x 1/4" Wiper Seal	4" x 8" Cylinder
SHUR-LIFT INDUSTRIES 9343294	1 - - O-Ring 1 - - Back-Up Washer 1 - - Wiper 2 - - O-Ring 1 - - O-Ring 1 - - O-Ring 2 - - Back-Up Washer	4" x 8" Cylinder

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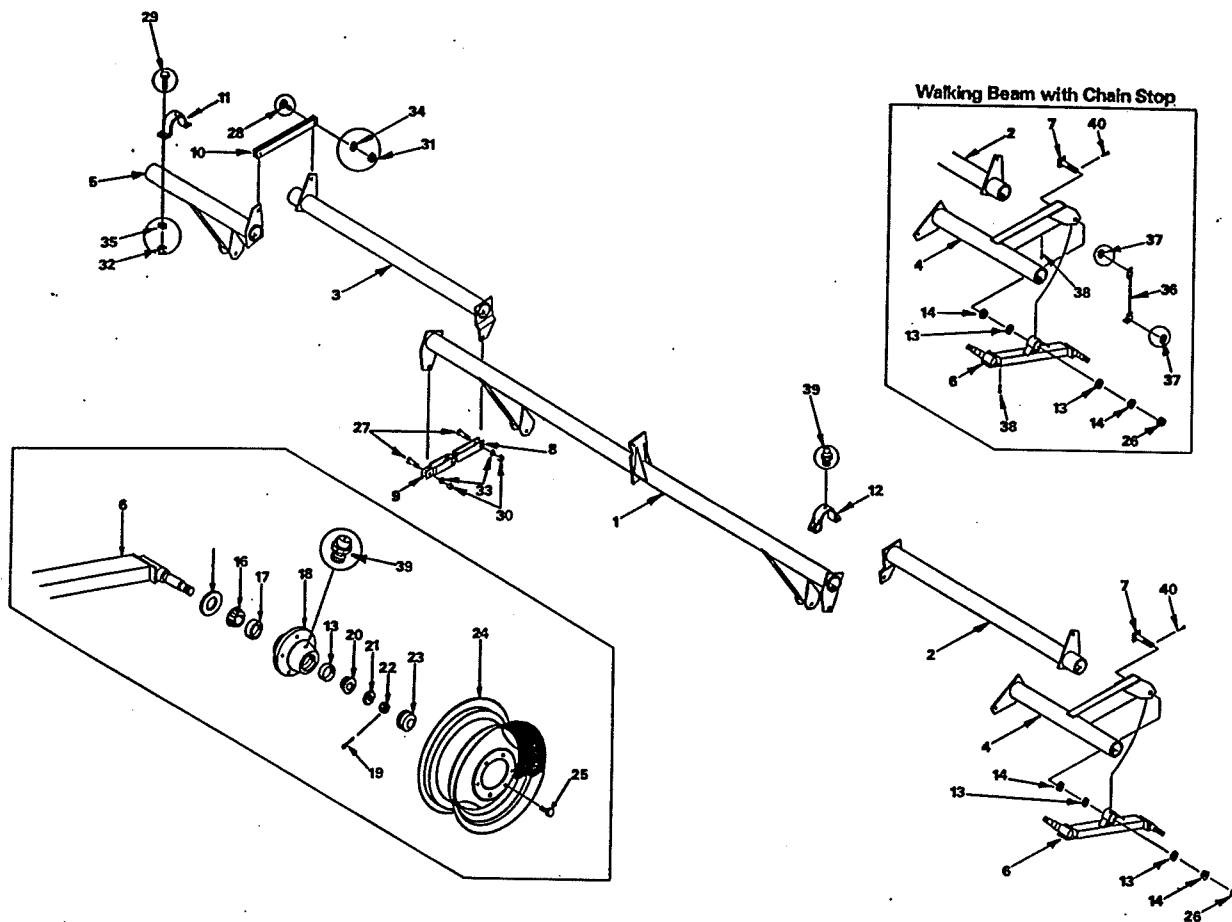
FRAMES, HITCH & EXTENSION

Ref. No.	Part No.	Description	Qty. Req'd
1	CFA50501	Main Frame - 16' Model	*
	CFA50536	Main Frame - 13-1/2' Model	*
2	CWA50838	L.H. 14' Wing Frame - For Cultivators 48' 2" and Up	*
	CWA50551	L.H. 10' Wing Frame	*
	CWA50584	L.H. 8' Wing Frame	*
	CWA50576	L.H. 6' Wing Frame	*
3	CWA50836	R.H. 14' Wing Frame - For Cultivators 48' 2" and Up	*
	CWA50571	R.H. 10' Wing Frame	*
	CWA50586	R.H. 8' Wing Frame	*
	CWA50582	R.H. 6' Wing Frame	*
4	CEA50820	3" Shank Extension	*
5	CEA50825	6" Stub Extension	*
6	CEA50828	14" Stub Extension	*
7	CHA50591	V-Hitch - Long (Overall Length - 156")	*
	CHA50651	V-Hitch - Short (Overall Length - 109")	*
8	CHA50610	Center Brace - Long (Overall Length - 145")	*
	CHA50608	Center Brace - Short (Overall Length - 109")	*
9	CHA50615	Cross Brace Bar - 16' Main Frame	*
	CHA50606	Cross Brace Bar - 13-1/2' Main Frame	*
10	CHA50621	L.H. Brace Assembly - For 10' & 14' Wing Frames	*
	CHA50640	L.H. Brace Assembly - For 6' & 8' Wing Frames	*
11	CHA50628	R.H. Brace Assembly - For 10' & 14' Wing Frames	*
	CHA50641	R.H. Brace Assembly - For 6' & 8' Wing Frames	*
12	CHA50630	Tongue Assembly	1
13	CH50605	Cross Brace Bar Backing Plate	2
14	DHA5161	Hose Support	1
15	DHB5170	Hitch Jack	*
16	CH50612	Backing Plate	1
17	CF50050	1" x 4-1/4" Special Hinge Bolt	6

Ref. No.	Part No.	Description	Qty. Req'd
18	CFA50529	Lock-Up Pin	2
19		1-1/4" x 7" N.C. Hex Bolt	1
20		1" x 3" N.C. Hex Bolt	8
21		5/8" x 7" N.C. Hex Bolt	4
22		5/8" x 6" N.C. Hex Bolt	4
23		5/8" x 1-1/2" N.C. Hex Bolt	1
24		5/8" x 1-3/4" N.C. Hex Bolt	4
25		5/8" x 7-1/2" N.C. Hex Bolt	1
26	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	*
27	CF50541	5/8" x 4" x 3-7/16" Long U-Bolt - Plated	*
28		1-1/4" N.C. Hex Bolt	1
29	L1574	1" N.C. Slotted Hex Nut	6
30		1" N.C. Hex Nut	8
31		5/8" N.C. Hex Nut	*
32		5/8" N.C. Hex Nut (Plated)	*
33		1-1/4" Lockwasher	1
34		1" Lockwasher	8
35		5/8" Lockwasher	*
36		5/8" Lockwasher (Plated)	*
37		1-3/8" O.D. x 9/16" I.D. Flatwasher	1
38		1-1/2" O.D. x 5/8" I.D. Flatwasher	1
39		1-3/4" O.D. x 5/8" I.D. Flatwasher	1
40		3/16" x 1-1/2" Cotter Pin	6
41		Hair Pin Cotter	2
42	CH50619	Hitch Tongue Spring - 1-3/16" O.D. x 5-3/8" Long	1
43	CEB50830	32" Flip-Up Extension - R.H.S. - For Models 48' 2" and Up	*
	CEB50831	32" Flip-Up Extension - L.H.S. - For Models 48' 2" and Up	*
44		5/8" x 5" N.C. Hex Bolt - For Models 48' 2" and Up	*
45	CEA50826	13-1/4" Stub Extension - For Models 48' 2" and Up	*

* As Required

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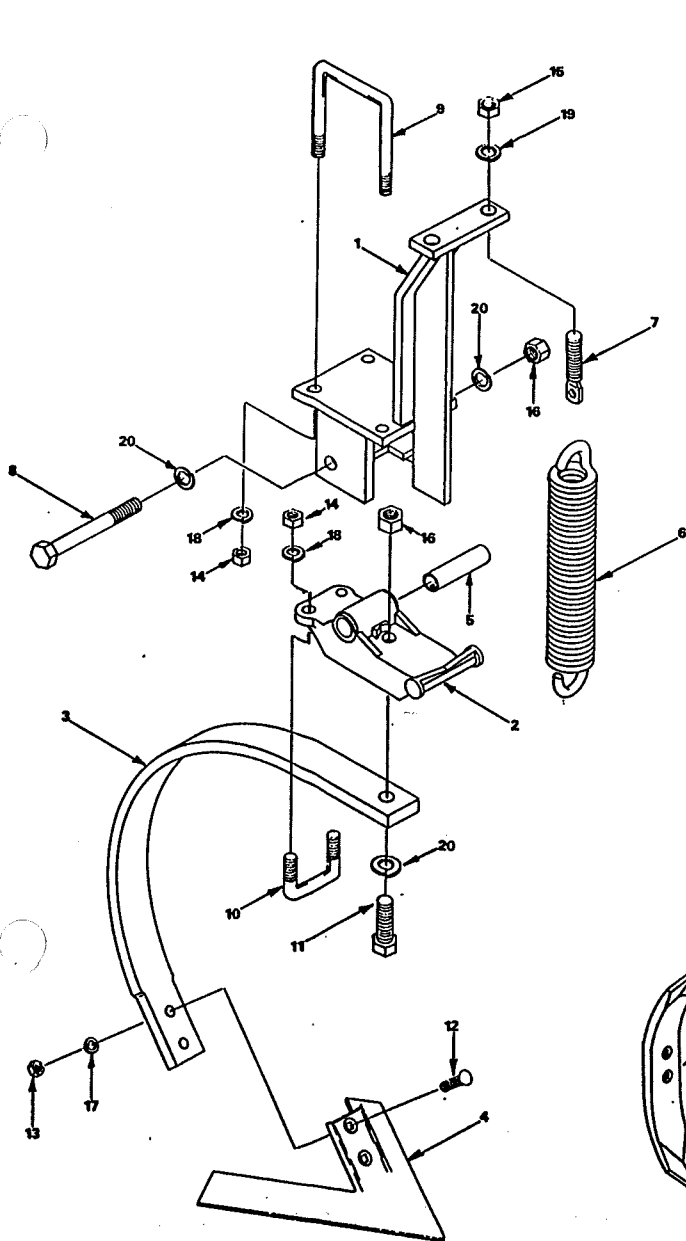
ROCKSHAFTS, WHEELS, & WALKING BEAMS

Ref. No.	Part No.	Description	Qty. Req'd
1	CRA50661	Main Frame Rockshaft - 16' Main Frame	*
	CRA50655	Main Frame Rockshaft - 16' Main Frame (For Use With Chain Stop Type Walking Beam)	*
	CRA50729	Main Frame Rockshaft - 13-1/2' Main Frame	*
	CRA50656	Main Frame Rockshaft - 13-1/2' Main Frame (For Use With Chain Stop Type Walking Beam)	*
2	CRA50722	L.H. Intermediate Rockshaft - 14' Wing	*
	CRA50672	L.H. Intermediate Rockshaft - 10' Wing	*
	CRA50720	L.H. Intermediate Rockshaft - 8' Wing	*
	CRA50678	L.H. Intermediate Rockshaft - 6' Wing	*
3	CRA50723	R.H. Intermediate Rockshaft - 14' Wing	*
	CRA50671	R.H. Intermediate Rockshaft - 10' Wing	*
	CRA50721	R.H. Intermediate Rockshaft - 8' Wing	*
	CRA50679	R.H. Intermediate Rockshaft - 6' Wing	*
4	CRA50681	L.H. Wing Frame Rockshaft	*
	CRA50658	L.H. Wing Frame Rockshaft (For Use With Chain Stop Type Walking Beam)	*
5	CRA50682	R.H. Wing Frame Rockshaft	*
	CRA50657	R.H. Wing Frame Rockshaft (For Use With Chain Stop Type Walking Beam)	*
6	CRA50684	R.H. Walking Beam	*
	CRA50659	R.H. Walking Beam (For Use With Restrictor Chain)	*
	CRA50685	L.H. Walking Beam	*
	CRA50660	L.H. Walking Beam (For Use With Restrictor Chain)	*
7	CRA50695	Walking Beam Pin	4
8	DRA9620	Rockshaft Link - Male Half, Adjustable	2
9	CRA50698	Rockshaft Link - Female Half, Adjustable	2
10	CRA50700	Solid Rockshaft Link Assembly	2
11	CRA50704	Rockshaft Bearing	4

Ref. No.	Part No.	Description	Qty. Req'd
12	CRA50703	Reinforced Rockshaft Bearing	10
13	DR92	Bearing Cup - #LM48510	16
14	CR50707	Cone Bearing - #LM48500LA 90034	8
15	DR122	Grease Seal	8
16	DR120	Cone Bearing - #LM25580	8
17	DR118	Bearing Cup - #LM25520	8
18	DRA9	Hub c/w Cups	8
19		3/16" x 1-1/4" Cotter Pin	8
20	DR91	Cone Bearing - #LM48548	8
21		2" O.D. x 1-1/16" I.D. x 1/8" Flatwasher	8
22	DR110	1" N.F. Slotted Hex Nut	8
23	DR123	Hub Cap	8
24	DR127	15" x 8" 6 Bolt Rim	8
25	DR125	Wheel Studs	48
26		1-3/8" N.F. Slotted Hex Nut	4
27	DR5215	1-1/4" x 4-1/4" N.C. Hex Bolt	4
28		1" x 3" N.C. Special Hex Bolt	4
29		3/4" x 2-1/2" N.C. Hex Bolt	28
30		1-1/4" N.C. Hex Nut	4
31		1" N.C. Hex Nut	4
32		3/4" N.C. Hex Nut	28
33		1-1/4" Lockwasher	4
34		1" Lockwasher	4
35		3/4" Lockwasher	28
36	CRA50708	Restrictor Chain	*
37		Washer	*
38		Cotter Pin	*
39	10GN1	1/4" - 28 Grease Fitting	22
40		Cotter Pin	4

* As Required

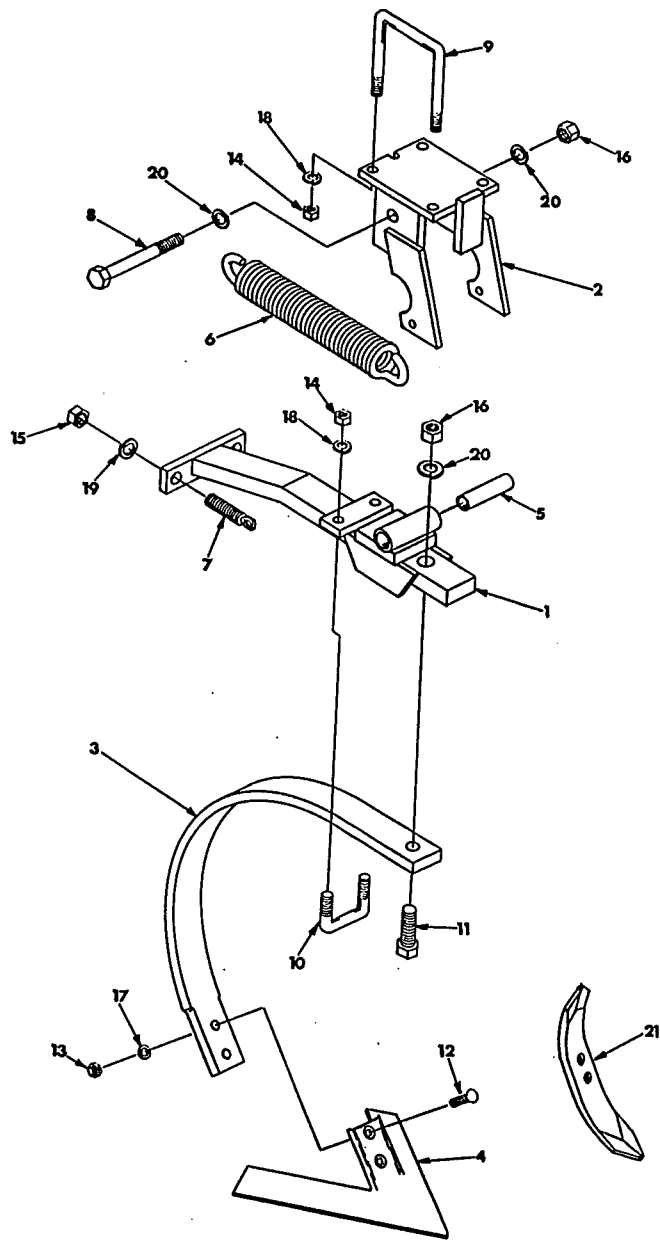
MODEL 5300 MULTI-PURPOSE CULTIVATOR



**SHANK TRIP ASSEMBLY
STANDARD**

Ref. No.	Part No.	Description	Qty. Req'd
1	CSA50741	Shank Tower (Regular)	*
	CSA50742	Shank Tower (Special)	*
2	CS50744	Shank Holder (Cast)	*
3	CS50739	Shank - 7/8" Thick	*
	CS50732	Shank - 3/4" Thick	*
4	CS50738	11" Shovel	*
5	CS50200	Bushing	*
6	CS50737	Spring	*
7	CS50736	5/8" Shank Spring I-Bolt	*
8	CS50735	3/4" x 5-3/4" N.C. Special Hex Bolt	*
9	CS50734	1/2" x 5-1/4" Long U-Bolt	*
10	CS50733	1/2" x 2" Long U-Bolt	*
11		3/4" x 2-1/4" N.C. Hex Bolt	*
12		7/16" x 1-3/4" Carriage Bolt	*
13		7/16" N.C. Hex Nut	*
14		1/2" N.C. Hex Nut	*
15		5/8" N.C. Hex Nut	*
16		3/4" N.C. Hex Nut	*
17		7/16" Lockwasher	*
18		1/2" Lockwasher	*
19		5/8" Lockwasher	*
20		3/4" Lockwasher	*
21	CS50743	Spike	*

* As Required

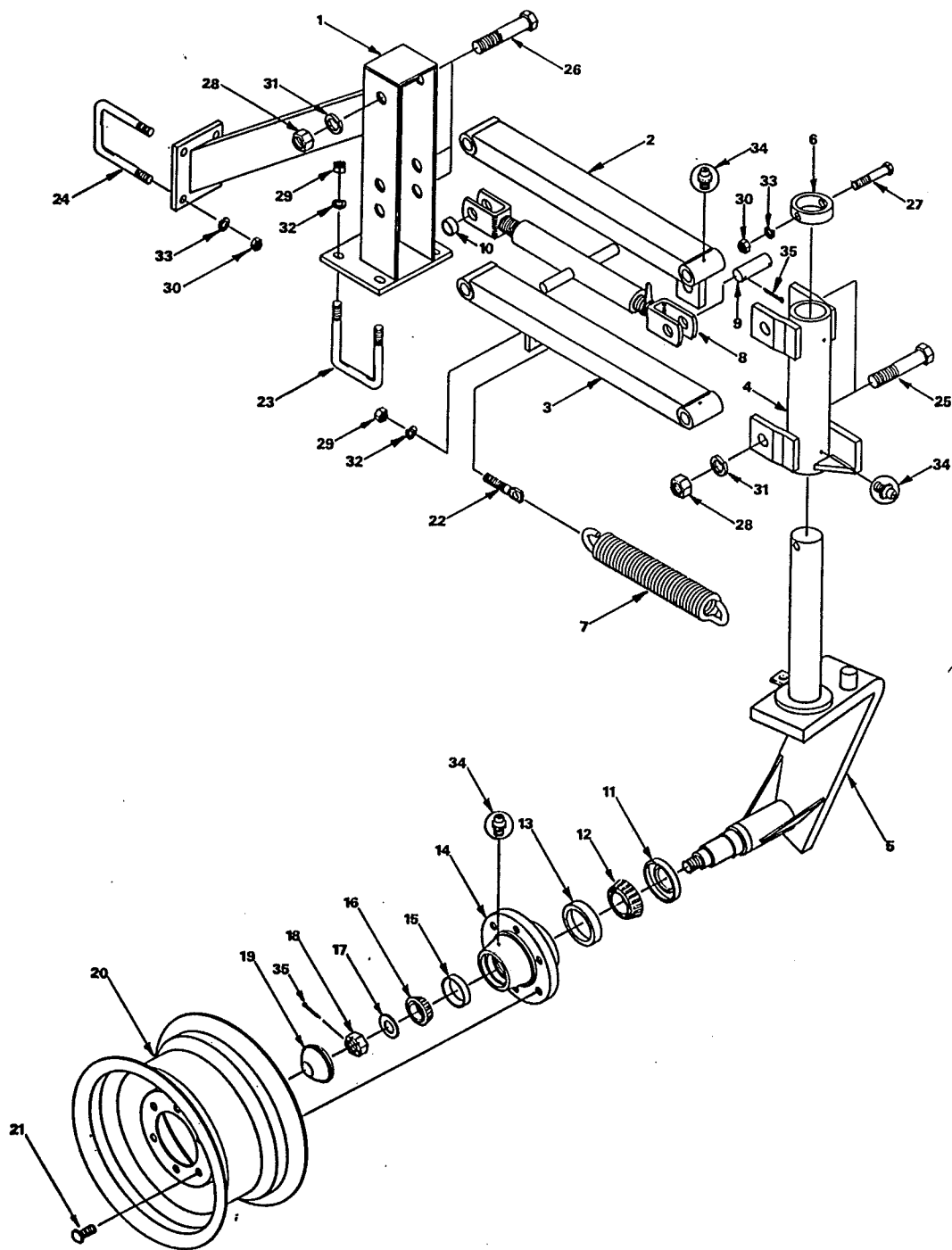


**SHANK TRIP ASSEMBLY
LOW PROFILE (FOR CULTIVATORS 48' 2" AND UP)**

Ref. No.	Part No.	Description	Qty. Req'd
1	CSA50940	Low Profile Shank Tower	*
2	CSA50941	Low Profile Spring Support Assembly	*
3	CS50739	Shank - 7/8" Thick	*
	CS50732	Shank - 3/4" Thick	*
4	CS50738	11" Shovel	*
5	CS50200	Bushing	*
6	CS50737	Spring	*
7	CS50736	5/8" Shank Spring I-Bolt	*
8	CS50735	3/4" x 5-3/4" N.C. Special Hex Bolt	*
9	CS50734	1/2" x 5-1/4" Long U-Bolt	*
10	CS50733	1/2" x 2" Long U-Bolt	*
11		3/4" x 2-1/4" N.C. Hex Bolt	*
12		7/16" x 1-3/4" Carriage Bolt	*
13		7/16" N.C. Hex Nut	*
14		1/2" N.C. Hex Nut	*
15		5/8" N.C. Hex Nut	*
16		3/4" N.C. Hex Nut	*
17		7/16" Lockwasher	*
18		1/2" Lockwasher	*
19		5/8" Lockwasher	*
20		3/4" Lockwasher	*
21	CS50743	Spike	*

* As Required

MODEL 5300 MULTI-PURPOSE CULTIVATOR

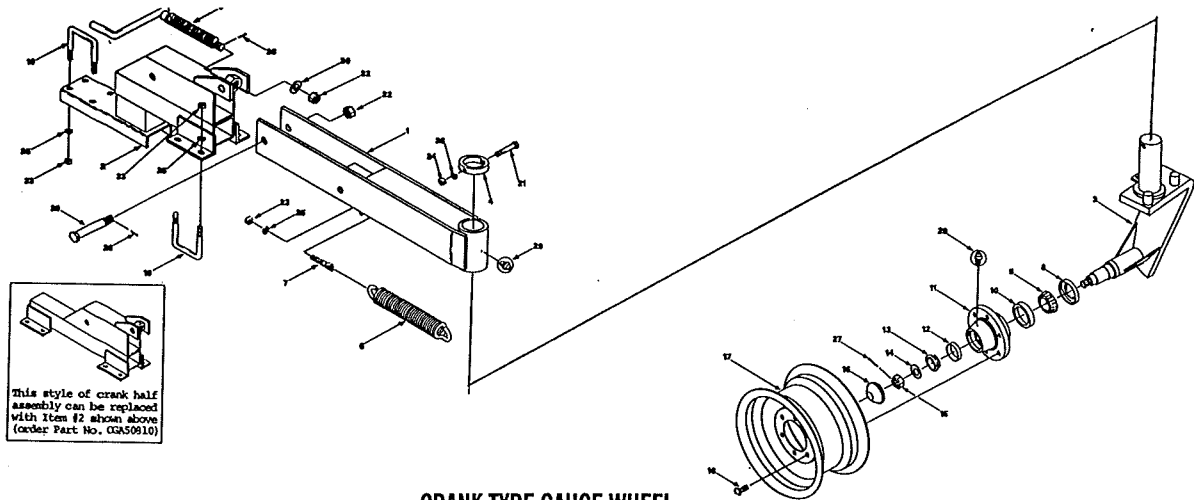


SCREW JACK TYPE GAUGE WHEEL (For Cultivators Serial No. Under 2085)

Ref. No.	Part No.	Description	Qty. Req'd
1	CGA50780	Gauge Wheel - Main Attaching Assembly	2
2	CGA50786	Gauge Wheel - Top Pivoting Tube Assembly	2
3	CGA50790	Gauge Wheel - Bottom Pivoting Tube Assembly	2
4	CGA50792	Gauge Wheel - Bearing Tube Assembly	2
5	CGA50797	Gauge Wheel - Pivot Axle Assembly	2
6	CGS0802	Gauge Wheel - Retaining Collar	2
7	CS50737	Gauge Wheel - Spring	2
8	CGS0803	Gauge Wheel - Screw Type Jack	2
9	CGS0804	Gauge Wheel - Screw Jack Pin	2
10	CGS0805	Gauge Wheel - Screw Jack Spacer Tube	4
11	DR122	Grease Seal	2
12	DR120	Cone Bearing #LM25580	2
13	DR118	Bearing Cup #LM25520	2
14	DRA9	Hub c/w Cups	2
15	DR92	Bearing Cup #LM48510	2
16	DR91	Cone Bearing #LM48548	2
17		2" O.D. x 1-1/16" I.D. x 1/8" Flatwasher	2
18	DR110	1" N.F. Slotted Hex Nut	2

Ref. No.	Part No.	Description	Qty. Req'd
19	DR123	Hub Cap	2
20	DR127	15" x 8" 6 Bolt Rim	2
21	DR125	Wheel Studs	12
22	CS50736	Spring I-Bolt	2
23	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	4
24	CS50734	1/2" x 4" U-Bolt	4
25		1" x 6" N.C. Hex Bolt	4
26		1" x 5-1/2" N.C. Hex Bolt	6
27		1/2" x 3-1/2" N.C. Hex Bolt	2
28		1" N.C. Hex Nut	10
29		5/8" N.C. Hex Nut	10
30		1/2" N.C. Hex Nut	10
31		1" Lockwasher	10
32		5/8" Lockwasher	10
33		1/2" Lockwasher	10
34		1/4" - 28 Grosse Fitting	14
35	10GN1	3/16" x 1-1/4" Cotter Pin	6

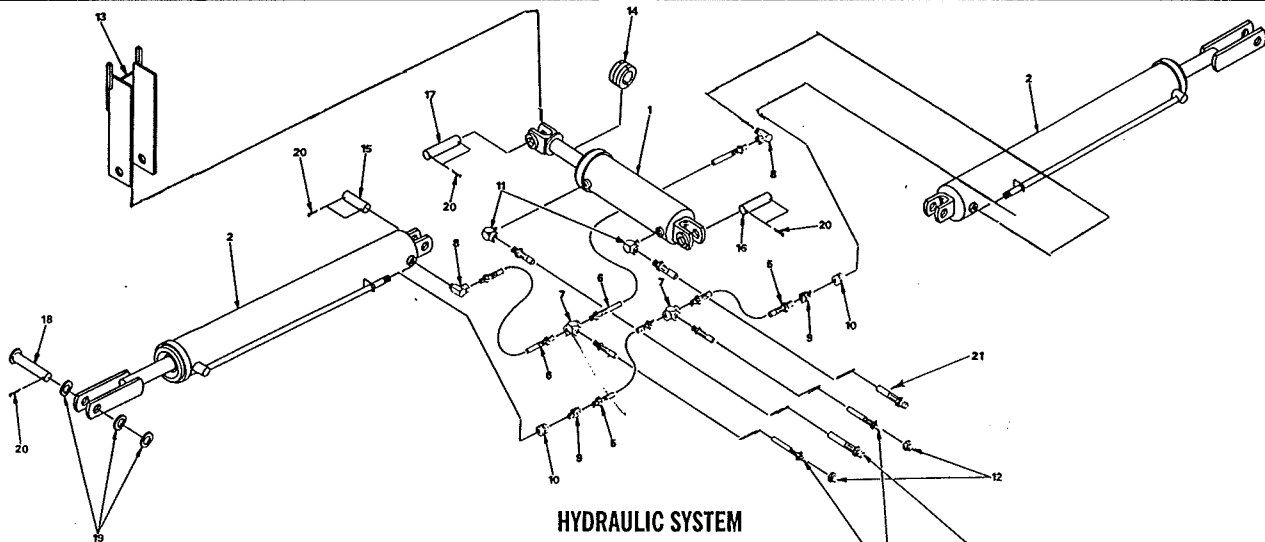
MODEL 5300 MULTI-PURPOSE CULTIVATOR



CRANK TYPE GAUGE WHEEL (For Cultivators Serial No. 2085 and Up)

Ref. No.	Part No.	Description	Qty. Req'd
1	CGA50750	Gauge Wheel - Bearing Tube Half Assembly	2
2	CGA50810	Gauge Wheel - Screw Crank Half Assembly	2
3	CGA50766	Gauge Wheel - Pivot Axle Assembly	2
4	CG50773	Gauge Wheel - Retaining Collar	2
5	CGA50774	Gauge Wheel - Crank Assembly	2
6	CS50737	Gauge Wheel - Spring	2
7	CS50736	Gauge Wheel - Spring I-Bolt	2
8	DR122	Grease Seal	2
9	DR120	Cone Bearing #LM25580	2
10	DR118	Bearing Cup #LM25520	2
11	DRA9	Hub c/w Cups	2
12	DR92	Bearing Cup #LM48510	2
13	DR91	Cone Bearing #LM48548	2
14		2" O.D. x 1-1/16" I.D. x 1/8" Flatwasher	2
15	DR110	1" N.F. Slotted Hex Nut	2

Ref. No.	Part No.	Description	Qty. Req'd
16	DR123	Hub Cap	2
17	DR127	15" x 8" 6 Bolt Rim	2
18	DR125	Wheel Studs	12
19	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	8
20	DH76	1" x 6" N.C. Drilled Hex Bolt	2
21		1/2" x 4-1/4" N.C. Hex Bolt	2
22		1" N.C. Slotted Hex Nut	4
23		5/8" N.C. Hex Nut	18
24		1/2" N.C. Hex Nut	2
25		5/8" Lockwasher	18
26		1/2" Lockwasher	2
27		3/16" x 1-1/4" Cotter Pin	2
28		3/16" x 1-1/2" Cotter Pin	4
29		1/4" - 28 Grease Fitting	2
30	10GN1	2" O.D. x 1-1/16" I.D. x 3/16" Flatwasher	2



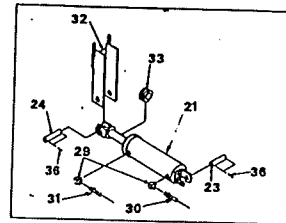
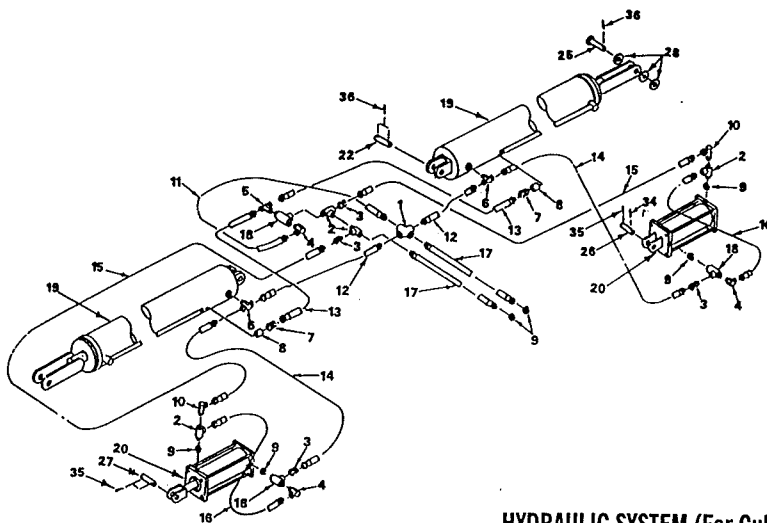
HYDRAULIC SYSTEM (For Cultivators 24' 2" to 42' 10")

Ref. No.	Part No.	Description	Qty. Req'd
1	232	5" x 12" Rockshaft Cylinder (w/Hydraulic Depth Control)	*
	233	5" x 12" Rockshaft Cylinder (w/Mechanical Depth Control Collars)	*
2	215	5" x 36" Wing Lift Cylinder	2
3	H240-1	1/2" x 240" Hydraulic Hose (For Long Hitch)	*
	H192-1	1/2" x 192" Hydraulic (For Short Hitch)	*
4	H240	3/8" x 240" Hydraulic Hose (For Long Hitch)	*
	H192	3/8" x 192" Hydraulic Hose (For Short Hitch)	*
5	H36	3/8" x 36" Hydraulic Hose (For 16' Main Frame)	*
	H18	3/8" x 18" Hydraulic Hose (For 13-1/2' Main Frame)	*
6	H30	3/8" x 30" Hydraulic Hose (For 16' Main Frame)	*
	H14	3/8" x 14" Hydraulic Hose (For 13-1/2' Main Frame)	*
7	DL5282	3/8" x 3/8" x 3/8" Steel Tee	2
8	DL9769	3/8" x 90 Degree Male-Female Steel Swivel Elbow	2
9	DL5279	3/8" Restricted Orifice Male-Female Steel Swivel	2
10	DL5280	3/8" Female-Female Steel Connector Union	2
11	DL9777	1/2" x 90 Degree Male-Female Steel Elbow	2

Ref. No.	Part No.	Description	Qty. Req'd
12	DL5275	3/8" To 1/2" Steel Connector Bushing	2
13	GRAS0725	Rockshaft Cylinder Lock-Up Assembly	1
14	CR50711	Depth Control Stop Ring - 1" Long	*
	CR50712	Depth Control Stop Ring - 1-1/2" Long	*
	CR50713	Depth Control Stop Ring - 1-3/4" Long	*
	CR50714	Depth Control Stop Ring - 2" Long	*
	CR50715	Depth Control Stop Ring - 2-1/4" Long	*
15		1-1/4" Diameter x 4-1/8" Long Pin	2
16		1-1/4" Diameter x 4-3/4" Long Pin	1
17		1-1/4" Diameter x 5-3/4" Long Pin	1
18		1-1/4" Diameter x 6" Long Pin	2
19	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
20		1/4" x 2" Cotter Pin	10
21	H226-1	1/2" x 226" Hydraulic Hose (For Long Hitch)	*
	H178-1	1/2" x 178" Hydraulic Hose (For Short Hitch)	*

* As Required

MODEL 5300 MULTI-PURPOSE CULTIVATOR

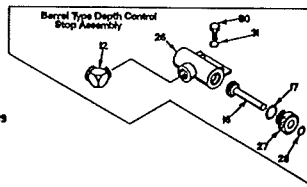
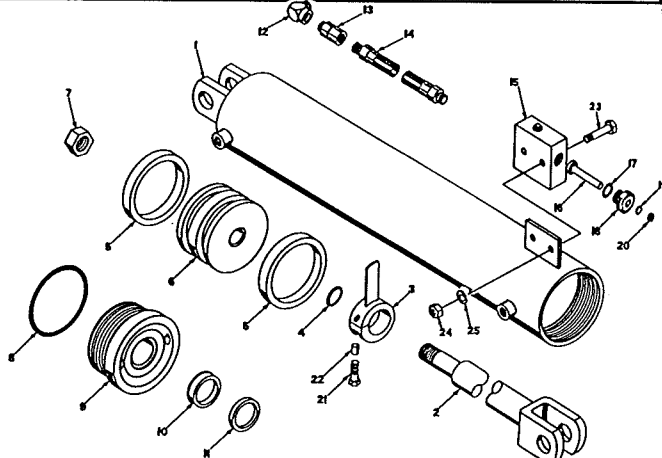


HYDRAULIC SYSTEM (For Cultivator 48' 2" to 50' 10")

Ref. No.	Part No.	Description	Qty. Req'd
1	CL50900	3/8" x 3/8" x 3/8" x 3/8" Cross	1
2	CL50901	3/8" Service Tee	4
3	L1619	3/8" Male-Female Swivel	4
4	CL50902	1/4" Swivel 90 Degree Street Elbow	3
5	DL9767	3/8" Female Swivel Tee	1
6	CL50903	3/8" Male-Female Swivel Tee	2
7	DL5279	3/8" Restricted Orifice Male-Female Swivel	2
8	DL5280	3/8" Female Coupler	2
9	DL5275	3/8" x 1/2" Reducer	6
10	DL9769	3/8" Swivel 90 Degree Street Elbow	2
11	CL50904	3/8" x 1/4" x 20" Hydraulic Hose	1
12	H30	3/8" x 30" Hydraulic Hose	2
13	H36	3/8" x 36" Hydraulic Hose	2
14	H201	3/8" x 201" Hydraulic Hose	2
15	H243	3/8" x 243" Hydraulic Hose	2
16	CL50905	3/8" x 1/4" x 17" Hydraulic Hose	2
17	H240	3/8" x 240" Hydraulic Hose	2
18	CL50906	3/8" Lock-Out Valve	2
19	237	6" x 36" Wing Lift Cylinder	2
20	240	4" x 8" Flip-Up Extension Cylinder	2
21	232	5" x 12" Rockshaft Cylinder (w/Hydraulic Depth Control)	*

Ref. No.	Part No.	Description	Qty. Req'd
21	233	5" x 12" Rockshaft Cylinder (w/Mechanical Depth Control Collars)	*
22		1-1/4" Diameter x 4-1/8" Long Pin	2
23		1-1/4" Diameter x 4-3/4" Long Pin	1
24		1-1/4" Diameter x 5-3/4" Long Pin	1
25		1-1/4" Diameter x 6" Long Pin	2
26	10CP1	1" Diameter x 3-1/4" Long Pin	2
27	CE50829	1" Diameter x 5" Long Pin	2
28	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
29	DL9777	1/2" x 90 Degree Male-Female Steel Elbow	2
30	H226-1	1/2" x 226" Hydraulic Hose	1
31	H240-1	1/2" x 240" Hydraulic Hose	1
32	CRA50725	Rockshaft Cylinder Lock-Up Assembly	1
33	CR50711	Depth Control Stop Ring - 1" Long	*
	CR50712	Depth Control Stop Ring - 1-1/2" Long	*
	CR50713	Depth Control Stop Ring - 1-3/4" Long	*
	CR50714	Depth Control Stop Ring - 2" Long	*
	CR50715	Depth Control Stop Ring - 2-1/4" Long	*
34	DR129	Hair-Pin Cotter	2
35		1/4" x 1-1/2" Cotter Pin	6
36		1/4" x 2" Cotter Pin	10

* As Required



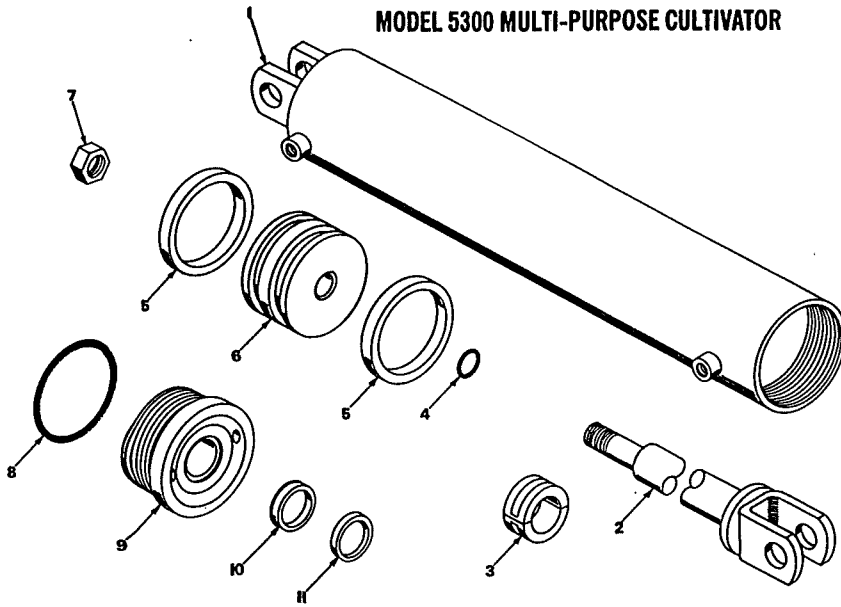
ROCKSHAFT CYLINDER (232) (For Hydraulic Depth Control)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU6	Tube Assembly - 5" x 12"	1
2	10SH41	Shaft - 1-3/4" x 12"	1
3	DCA6	Depth Control Stop, c/w Items #21 & #22	1
4	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring	1
5	50CU1	5" U-Cup	2
6	50PB2	Piston	1
7	10NU3	1-1/4" Locking Nut	1
8	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
9	50HP1	5" Head Plate	1
10	10RS3	Rod Seal	1
11	10WS3	Wiper Seal	1
12	DL9777	1/2" x 90 Degree Male-Female Steel Elbow	*
13	DC27	1/2" Male-Female Steel Swivel	1
14	H13-1	1/2" x 13-5/8" Hydraulic Hose	1
15	CRA50716	Hydraulic Depth Control Assembly (New Style - Order This If New Assembly Is Required)	*
16	DC28	Piston	*

* As Required

Ref. No.	Part No.	Description	Qty. Req'd
17	DC29	7/8" I.D. x 1-1/16" O.D. O-Ring	*
18	CR50717	Plug (New Style-Order This If New Plug Required)	*
19	CR50718	3/8" I.D. x 9/16" O.D. O-Ring (New Style - Order This If New O-Ring Required)	*
20	DC38	Wiper Seal (New Style - Order This If New Wiper Seal Required)	*
21		3/8" x 1-3/4" N.C. Hex Bolt	1
22	DC33	3/8" I.D. x 11/16" Long Spacer	1
23		1/2" x 2-1/2" N.C. Hex Bolt	*
24		1/2" N.C. Hex Nut	*
25		1/2" Lockwasher	*
26	DCA7	Hydraulic Depth Control Assembly (Old Style)	*
27	DC30	Plug (Old Style)	*
28	DC20	3/8" I.D. x 1/2" O.D. O-Ring (Old Style)	*
29	DC32	Wiper Seal (Old Style)	*
30		1/2" x 7/8" N.C. Hex Bolt	*
31		1/2" Lockwasher	*

MODEL 5300 MULTI-PURPOSE CULTIVATOR

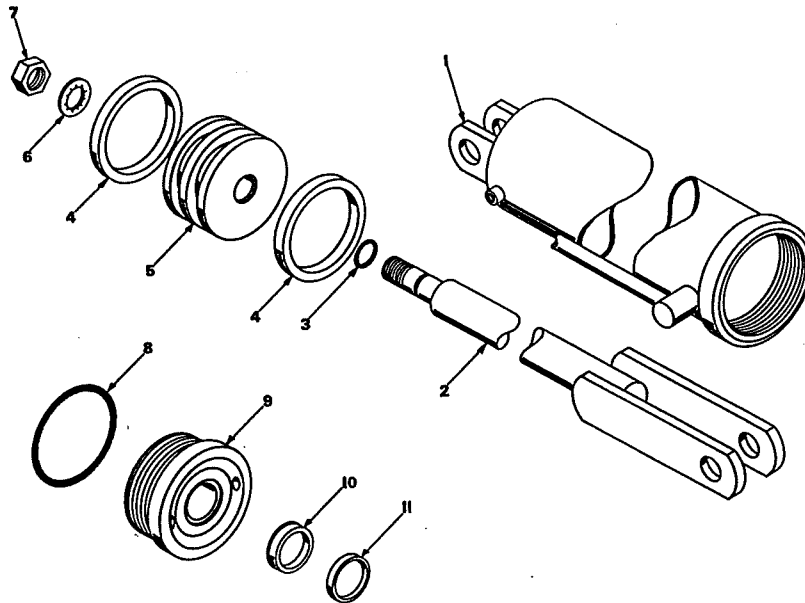


ROCKSHAFT CYLINDER (233) (For Mechanical Collars For Depth Control)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU7	Tube Assembly - 5" x 12"	1
2	10SH42	Shaft - 1-3/4" x 12"	1
3	CR50711	Depth Control Stop Ring - 1" Long	*
	CR50712	Depth Control Stop Ring - 1-1/2" Long	*
	CR50713	Depth Control Stop Ring - 1-3/4" Long	*
	CR50714	Depth Control Stop Ring - 2" Long	*
	CR50715	Depth Control Stop Ring - 2-1/4" Long	*
4	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring	1

Ref. No.	Part No.	Description	Qty. Req'd
5	50CU1	5" U-Cup	2
6	50PB2	Piston	1
7	10NU3	1-1/4" Locking Nut	1
8	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
9	50HP1	5" Head Plate	1
10	10RS3	Rod Seal	1
11	10WS3	Wiper Seal	1

* As Required



WING LIFT CYLINDER (5" x 36" Cylinder)

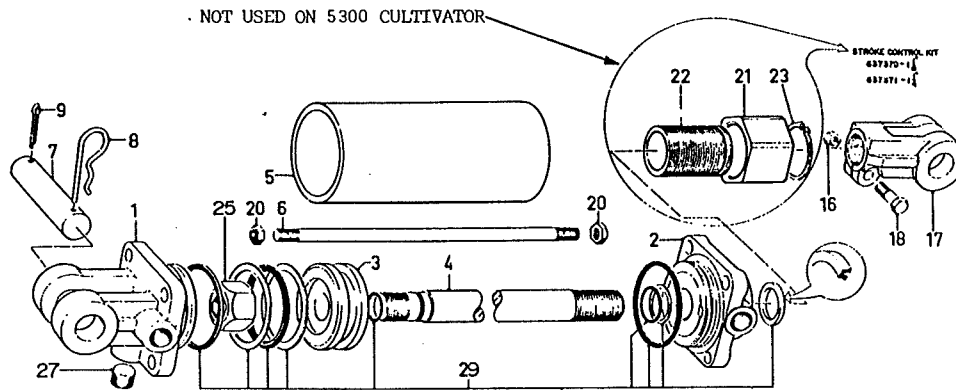
Ref. No.	Part No.	Description	Qty. Req'd
1	50TU5	Tube Assembly - 5" x 36"	1
2	10SH28	Shaft - 1-3/4" x 36", For 1" Nut	*
	10SH36	Shaft - 1-3/4" x 36", For 1-1/4" Nut	*
3	10OR13	1" I.D. x 1-1/4" O.D. O-Ring, For 1" Nut	*
	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring, For 1-1/4" Nut	*
4	50CU1	5" U-Cup	2
5	50PB1	Piston - For 1" Nut	*
	50PB2	Piston - For 1-1/4" Nut	*
6	10SW2	1" I.D. Internal Star Washer	1
7	10NU2	1" x 14 UNS Hex Nut	1
	10NU3	1-1/4" x 12 UNS Hex Nut	*
8	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
9	50HP1	5" Head Plate	1
10	10RS3	Rod Seal	1
11	10WS3	Wiper Seal	1

* As Required

WING LIFT CYLINDER (For Cultivators 48' 2" and Up)

Ref. No.	Part No.	Description	Qty. Req'd
1	60TU2	Tube Assembly - 6" x 36"	1
2	10SH47	Shaft - 1-3/4" x 36"	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-ring	1
4	60CU1	6" U-Cup	2
5	60PB1	Piston	1
6	10SW3	1-1/4" Star Washer	1
7	10NU3	1/4" x 12 UNS Hex Nut	1
8	10OR22	5-1/2" I.D. x 6" O.D. O-Ring	1
9	60HP1	6" Head Plate	1
10	10RS3	Rod Seal	1
11	10WS3	Wiper Seal	1

MODEL 5300 MULTI-PURPOSE CULTIVATOR

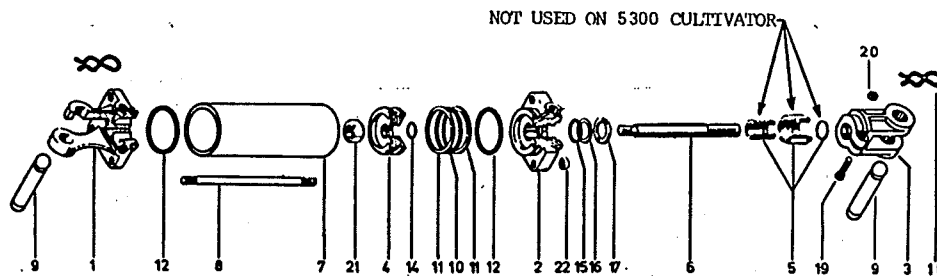


HYDRAULIC FLIP-UP EXTENSION (Monarch Industries 4" x 8" Cylinder)

Ref. No.	Monarch Industries Part No.	Description	Qty. Req'd
1	H6804	Clevis Cap	1
2	H6824	Rod Cap	1
3	H6834	Piston	1
4	H6488	Rod	1
5	H6258	Cylinder Tube	1
6	H6678	Tie Rod	4
7	H2091	Pin 1" Diameter	2
8	H2100	Clip Pin	2
9		Cotter Pin	2

Ref. No.	Monarch Industries Part No.	Description	Qty. Req'd
16	H76000 Model No.	Nut Clevis	1
17		Rod Clevis	1
18		Bolt Clevis	1
20		Nut Tie Rod	8
21		Stroke Control (Not Used On 5300 Cultivator)	*
25	RK40TR	Nut Piston	1
27		Plug	1
29		Seal Kit	1

* As Required



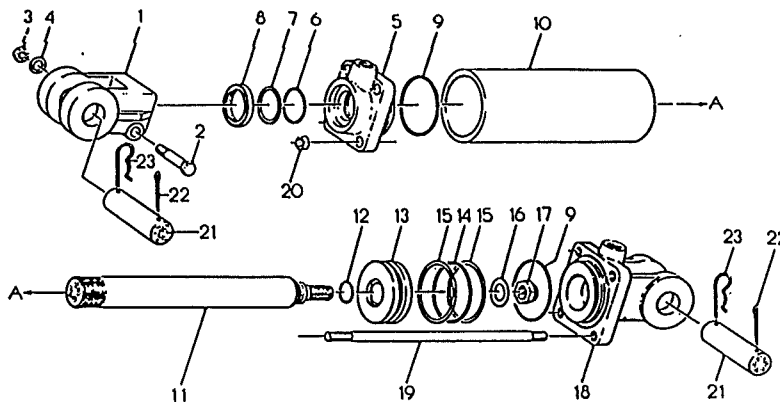
HYDRAULIC FLIP-UP EXTENSION CYLINDER (Ram Industries 4" x 8" Cylinder)

Ref. No.	RAM Industries Part No.	Description	Qty. Req'd
1	R-5724	Base Clevis	1
2	R-2038	Head Clevis	1
3	R-4100	Rod Clevis	1
4	R-3538	Piston	1
5	ASC2	Adjustable Stroke Control Kit (Not Used On 5300 Cultivator)	*
6	R-1565	Rod	1
7	R-1107	Cylinder Tube	1
8	R-6860	Tie Rod	4
9	R-5904	Pin	1
10		O-Ring #342, 3-5/8" x 4" DURO 70	1
11		Back-Up Washer #342	2
12		O-Ring #342, 3-5/8" x 4" DURO 90	2

Ref. No.	RAM Industries Part No.	Description	Qty. Req'd
14	RTK-40	O-Ring #214, 1" x 1-1/4"	1
15		O-Ring #218, 1-1/4" x 1-1/2"	1
16		Back-Up Washer #218	1
17		Wiper Seal, 1-1/4" x 1-5/8" x 1/4"	1
18		Hair Pin Clip	4
19		H.H. Bolt, 5/16" UNC x 1-3/4"	1
20		H.H. Nut, 5/16" UNC	1
21		Lock Nut, 1" UNF	1
22		H.H. Nut, 5/8" UNF	8
		Repair Kit, Consists Of Ref. Nos. 10, 11, 12, 14, 15, 16, & 17	1

* As Required

MODEL 5300 MULTI-PURPOSE CULTIVATOR



HYDRAULIC FLIP-UP EXTENSION (Shur-Lift Industries 4" x 8")

Ref. No.	Shur-Lift Industries Part No.	Description	Qty. Req'd
1		Shaft Clevis	1
2		Bolt	1
3		Nut	1
4		Lockwasher	1
5	9702416	Head	1
6		O-Ring	1
7		B-U Washer	1
8		Wiper	2
9		O-Ring	1
10	9362609	Tube	1
11	9351453	Shaft	1
12		O-Ring	1
13	9700204	Piston	1

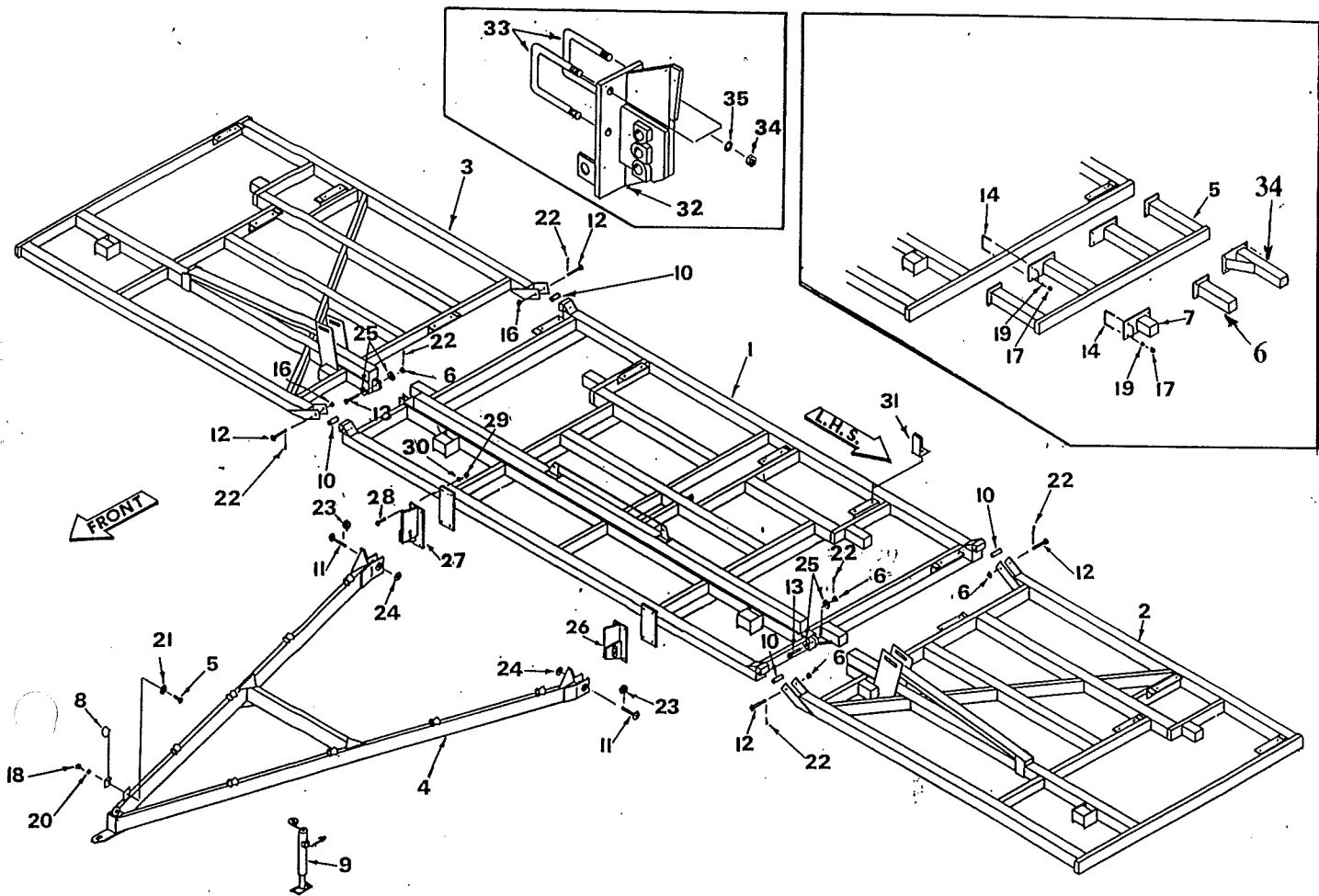
Ref. No.	Shur-Lift Industries Part No.	Description	Qty. Req'd
14		O-Ring	1
15		B-U Washer	2
16		Washer	*
17	9857855	Locknut	1
18	9702408	Base	1
19	9352204	Tie Rod	4
20	9857590	Locknut	4
21		Clevis Pin	2
22		Cotter Pin	2
23		Pin Clip	2
	9343294	Kit - Includes Ref. Nos. 6, 7, 8, 9, 12, 14, 15	*
	9342304	Kit - Includes Ref. Nos. 21, 22, 23	*
	9701517	Kit - Includes Ref. Nos. 1, 2, 3, 4	*

* As Required

CYLINDER SEAL KITS

Kit No.	Contents	Application
4017N4	2 - 40CU3 - 4" U-Cups 1 - 10OR17 - 3-5/8" I.D. x 4" O.D. O-Ring 1 - 10OR19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	4" x 36" Cylinder
5017N4	2 - 50CU1 - 5" U-Cups 1 - 10OR14 - 4-1/2" I.D. x 5" O.D. O-Ring 1 - 10OR19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal 1 - 10OR13 - 1" I.D. x 1-1/4" O.D. O-Ring	5" x 12" & 5" x 36" Cylinders
6017N4	2 - 60CU1 - 6" U-Cups 1 - 10OR22 - 5-1/2" I.D. x 6" O.D. O-Ring 1 - 10OR19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	6" x 36" Cylinder
DCB5	New 1 - DC29 - 7/8" I.D. x 1-1/16" O.D. O-Ring Block 1 - CR50718 - 3/8" I.D. x 9/16" O.D. O-Ring Style 1 - DC38 - Wiper Seal	Hydraulic Depth Control
MONARCH INDUSTRIES NO. RTK-40	Complete Seal Kit Includes O-Rings and Seals Supplied By Monarch Industries.	4" x 8" Cylinder
RAM INDUSTRIES NO. RTK-40	1 - #342 - 3-5/8" x 4" O-Ring DURO 70 2 - #342 - Back-Up Washer 2 - #342 - 3-5/8" x 4" O-Ring DURO 90 1 - #214 - 1" x 1-1/4" O-Ring 1 - #218 - 1-1/4" x 1-1/2" O-Ring 1 - #218 - Back-Up Washer 1 - 1-1/4" x 1-5/8" x 1/4" Wiper Seal	4" x 8" Cylinder
SHUR-LIFT INDUSTRIES NO. 9343294	1 - O-Ring 1 - B-U Washer 1 - Wiper 2 - O-Ring 1 - O-Ring 1 - O-Ring 2 - B-U Washer	4" x 8" Cylinder
DCB4	OLD 1 - DC29 - 7/8" I.D. x 1-1/16" O.D. O-Ring BARREL 1 - DC20 - 3/8" I.D. x 1/2" O.D. Polyurethane O-Ring STYLE 1 - DC32 - Wiper Seal	Hydraulic Depth Control

MODEL 5500 FREE-FLOATING HITCH CHISEL/CULTIVATOR



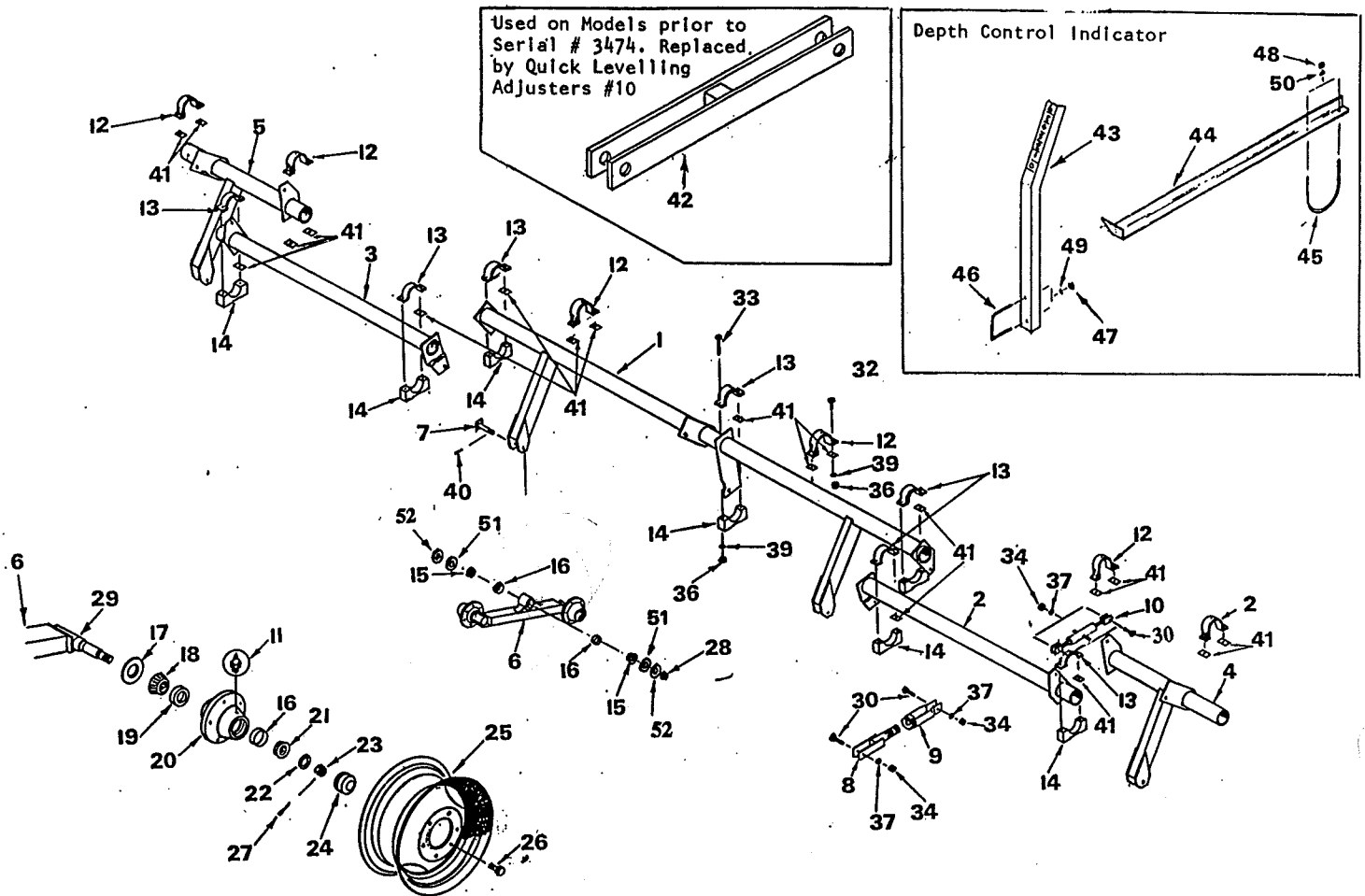
CULTIVATOR MAIN FRAME

Ref. No.	Part No.	Description	Qty. Req'd
1	C60001	Main Frame - 16' Model - (For Models Serial # 3584 and prior) (Order #C60003 - See Note Below)	1
	C60036	Main Frame - 13-1/2' Model - (For Models Serial #3584 and prior) (Order #C60038 - See Note Below)	1
	NOTE: WHEN ORDERING CENTER FRAMES FOR MODELS WITH SERIAL #3584 AND PRIOR ORDER HITCH #C60110, HITCH ATTACHING BRACKET #C60105 AND #C60106 AND EIGHT (8) 1" x 3" BOLTS COMPLETE WITH NUTS AND LOCKWASHERS.		
	C60003	Main Frame - 16' Model - (For Serial # Over 3569) - (As Shown)	1
	C60038	Main Frame - 13-1/2' Model - (For Serial # Over 3584) - (As Shown)	1
2	C60075	6' L.H. Wing Frame	1
	C60076	8' L.H. Wing Frame	1
	C60077	10' L.H. Wing Frame	1
3	C60078	6' R.H. Wing Frame	1
	C60079	8' R.H. Wing Frame	1
	C60080	10' R.H. Wing Frame	1
4	C60100	Hitch Assembly - Used on Models Serial #2584 and Prior	1
	C60110	Hitch Assembly - Used on Models Serial #3607 and Up	1
5	C50820	Frame - 3 Shank	2
6	C50828	14" Stub Extension	*
7	C50825	6" Stub Extension	*
8	DHA5161	Hose Support	1
9	DHB5170	Hitch Jack	1
10	C60081	Hinge Roller	4
11	C60101	1-1/4" x 6-3/4" Long Hitch Pin	2

Ref. No.	Part No.	Description	Qty. Req'd
12	L2244	1" x 6-1/2" Hex Bolt	2
13		1" x 4-3/4" Hex Hinge Bolt	2
14	C50541	5/8" x 4" x 3-7/16" U-Bolt (Plated)	*
15		5/8" x 1-1/2" N.C. Hex Bolt	1
16	L1574	1" N.C. Slotted Hex Nut	4
17		5/8" N.C. Hex Nut (Plated)	*
18		5/8" N.C. Hex Nut	1
19		5/8" Lockwasher (Plated)	*
20		5/8" Lockwasher	1
21		1-3/8" O.D. x 11/16" I.D. Flatwasher	1
22		3/16" Cotter Pin	6
23	DH12517	7/16" Lynch Pins	2
24		2" O.D. x 1-9/32" I.D. x 1/4" Flatwasher	2
25		2" O.D. x 1-1/32" I.D. x 1/4" Flatwasher	4
26	C60103	L.H. Hitch Attaching Bracket	1
27	C60104	R.H. Hitch Attaching Bracket	1
28		1" x 3" N.C. Hex Bolt	8
29		1" N.C. Hex Nut	8
30		1" Lockwasher	8
31	C50546	"SMV" Bracket	1
32	C60105	L.H. Hitch Attaching Bracket (Used for Models #3584 and Prior)	1
	C60106	R.H. Hitch Attaching Bracket (Used for Models #3584 and Prior)	1
33	C55203	3/4" U-Bolt	4
		3/4" Nut	8
		3/4" Lockwasher	8
34	C55116	21" Stub Extension Assembly	*

* As Required

MODEL 5500 FREE-FLOATING HITCH CHISEL/CULTIVATOR



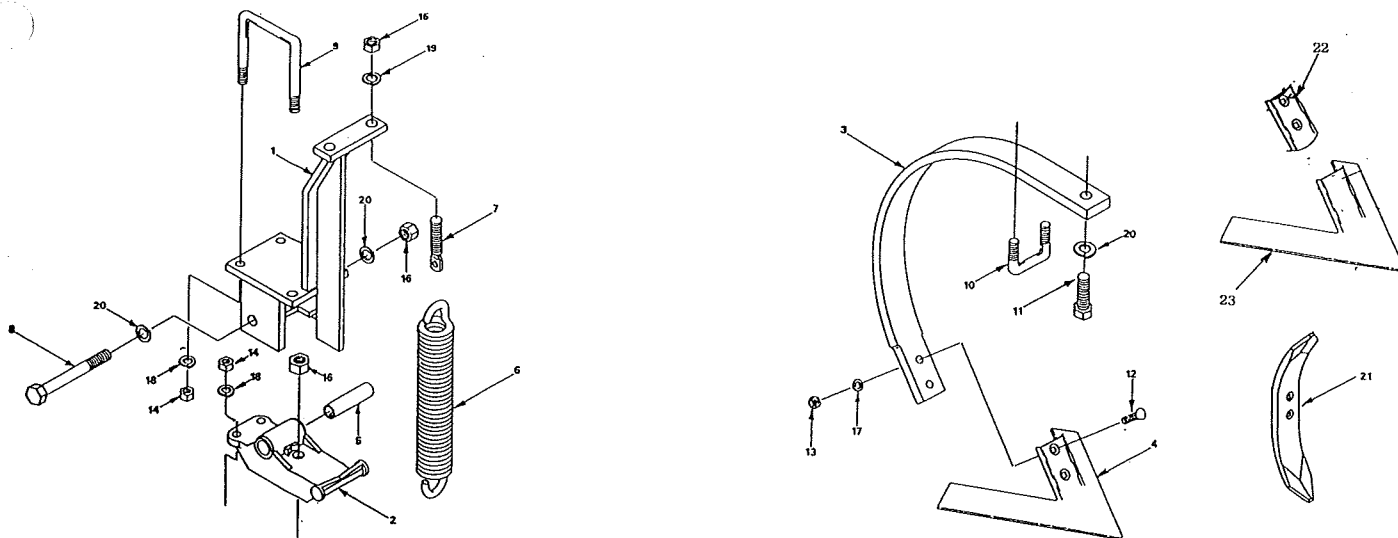
ROCKSHAFT

Ref. No.	Part No.	Description	Qty. Req'd
1	C60129	13-1/2" Main Frame Rockshaft	*
	C60130	16" Main Frame Rockshaft	*
2	CRA60131	L.H. 6" Intermediate Rockshaft	*
	CRA60132	L.H. 8" Intermediate Rockshaft	*
	CRA60133	L.H. 10" Intermediate Rockshaft	*
3	CRA60134	R.H. 6" Intermediate Rockshaft	*
	CRA60135	R.H. 8" Intermediate Rockshaft	*
	CRA60136	R.H. 10" Intermediate Rockshaft	*
4	CRA60137	L.H. Wing Frame Rockshaft	1
5	CRA60138	R.H. Wing Frame Rockshaft	1
6	CRA50684	R.H. Walking Beam	1
	CRA50685	L.H. Walking Beam	1
7	C55155	Walking Beam Pin (4" Leg)	2
	CRA50695	Walking Beam Pin (3" Leg)	2
8	DRA9620	Rockshaft Link - Male Half, Adjustable	2
9	CRA50698	Rockshaft Link - Female Half, Adjustable	2
10	C60091	Quick Levelling Adjuster For Serial #3474 and Up	2
11	10GN1	1/4" - 28 Grease Fitting	4
12	CRA50703	Reinforced Rockshaft Bearing	6
13	DR8601	Rockshaft Bearing - Top	7
14	DR8601	Rockshaft Bearing - Bottom	7
15	CR50707	Cone Bearing - #LM48548L90034	8
16	DR92	Bearing Cup - #LM48510	8
17	DR122	Grease Seal - SE30	8
18	DR120	Cone Bearing - #LM25580	8
19	DR118	Bearing Cup - #LM25520	8
20	DRA9	Hub c/w Cups	8
21	DR91	Cone Bearing - #LM48548	8
22		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	8

Ref. No.	Part No.	Description	Qty. Req'd
23	DR110	1" N.F. Slotted Hex Nut	8
24	DR123	Hub Cap	8
25	C60160	15" x 8" 6 Bolt Rim w/Stem Protector	8
26	DR125	Wheel Stud	48
27	BP18125	3/16" x 1-1/4" Cotter Pin	8
28	C50694	1-3/8" N.F. Slotted Hex Nut	4
29	DR114	Spindle - Weld-On	8
30	DR5215	1-1/4" x 4-3/4" N.C. Hex Bolt	4
32		3/4" x 2-1/4" N.C. Hex Bolt	12
33		3/4" x 6-1/2" N.C. Hex Bolt	14
***	DR5227	1-1/4" Ball Joint	
34		1-1/4" N.C. Hex Nut	4
36		3/4" N.C. Hex Nut	26
37		1-1/4" Lockwasher	4
39		3/4" Lockwasher	
40		1/4" x 2" Cotter Pin	
41	C50692	Rockshaft Shim For Formed Bearing	26
42	C50700	Solid Rockshaft Link Assy Replaced By #10 Quick Levelling Adjuster. Used on Models Prior to Serial #3474	*
43	C60147	Depth Control Indicator	1
44	C60146	Depth Control Pointer	1
45	C60148	U-Bolt	1
46	C50734	1/2" x 4" x 5-1/4" Long U-Bolt	2
47		1/2" N.C. Hex Nut	2
48		3/8" N.C. Hex Nut	2
49		1/2" Lockwasher	2
50		3/8" Lockwasher	2
51	CR50178	2-1/8" O.D. x 1-3/8" I.D. x .134 Thick Machinery Bushing	*
52	CR50177	2-1/8" O.D. x 1-3/8" I.D. x .083 Thick Machinery Bushing	*

* As Required

MODEL 5500 FREE-FLOATING HITCH CHISEL/CULTIVATOR

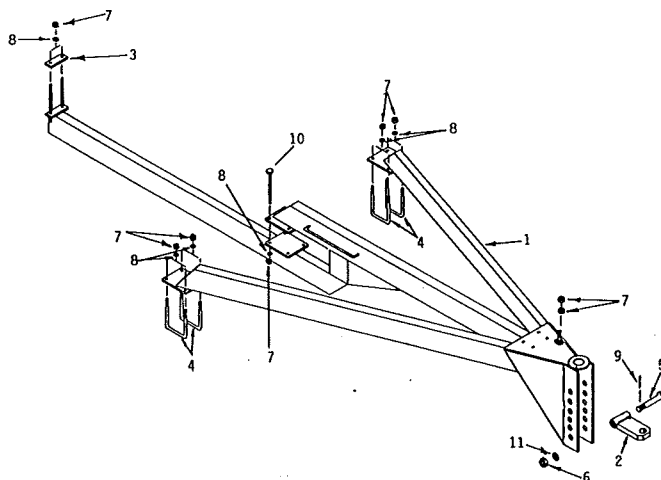


SHANK TRIP ASSEMBLY

Ref. No.	Part No.	Description	Qty. Req'd
1	C50741	Shank Tower (Regular)	*
2	C50730	Shank Holder (Cast) c/w Bushing	*
3	C60501	Shank - 1" Thick	*
4	C60502	11-1/2" x 1/4" x 47 Degree Shovel (For 1/2" Bolts)	*
5	C50200	Bushing	*
6	C60500	Spring	*
7	C50736	5/8" Shank Spring I-Bolt	*
8	C50735	3/4" x 5-3/4" N.C. Special Hex Bolt	*
9	C50734	1/2" x 4" x 5-1/4" Long U-Bolt - Plated	*
10	C50733	1/2" x 2" x 2-5/8" Long U-Bolt - Plated	*
11		3/4" x 2-1/4" N.C. Hex Bolt	*
12		1/2" x 2" Plow Bolt - For Shovel	*

Ref. No.	Part No.	Description	Qty. Req'd
13		1/2" x 2-1/4" Plow Bolt - For Spike	*
14		1/2" N.C. Hex Nut	*
15		5/8" N.C. Hex Nut	*
16		3/4" N.C. Hex Nut	*
17		1/2" Lockwasher	*
18		5/8" Lockwasher	*
19		3/4" Lockwasher	*
20		5/8" x 2" x 1/4" Reversible Spike w/Holes For 1/2" Bolts	*
21	C60503	11-1/2" x 1/4" 47 Nok-On Shovel	*
22	CS60510	Nok-On Clip - 1/2" Holes (Used After 1994)	*
23	CS60511		*

* As Required

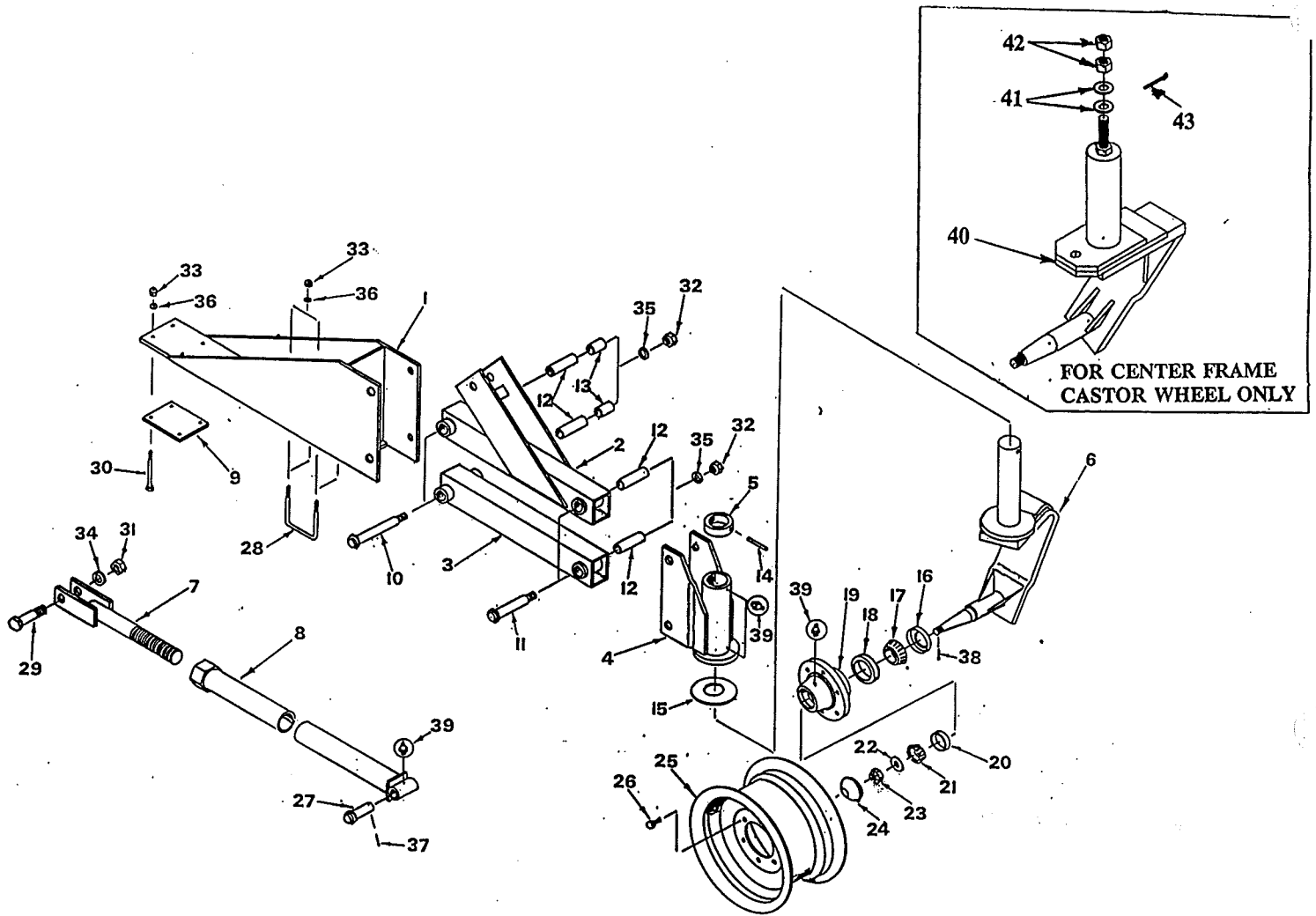


TOW HITCH (Optional)

Ref. No.	Part No.	Description	Qty. Req'd
1	CHA60118	Tow Hitch	1
2	C55259	Tongue	1
3	CH60120	Backing Plate	1
4	CS50734	1/2" x 4" x 5-1/4" Long U-Bolt (Plated)	4
5	L1630	1" x 5-1/2" N.C. Hex Bolt (Drilled)	1
6	L1574	1" N.C. Hex Slotted Nut	1

Ref. No.	Part No.	Description	Qty. Req'd
7		1/2" N.C. Hex Nut (Plated)	14
8		1/2" Lockwasher Nut (Plated)	14
9		3/16" x 1-1/2" Cotter Pin	1
10		1/2" x 6" N.C. Hex Bolt	4
11		2" O.D. x 1-1/16" I.D. x 3/16" Washer	1

MODEL 5500 FREE-FLOATING HITCH CHISEL/CULTIVATOR



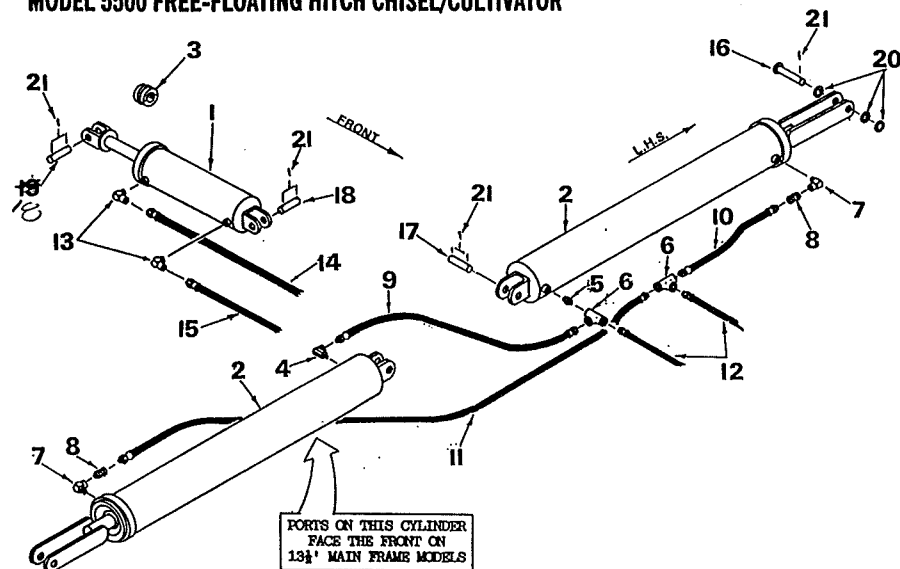
GAUGE WHEEL

Ref. No.	Part No.	Description	Qty. Req'd
1	CGA60180	Main Attaching Frame Assembly	3
2	CGA60181	Top Pivoting Tube Assembly - See Note Below	3
3	CGA60182	Bottom Pivoting Tube Assembly - See Note Below	3
4	CGA60183	Bearing Tube Assembly - Wing Frame	2
	CGA60179	Bearing Tube Assembly - Center Frame (Used Prior to 1995)	1
5	CGA60184	Bearing Tube Assembly Securing Ring - Wing Castor Wheel	2
6	CGA60185	Spindle Assembly - Wing Castor Wheel	2
7	CGA60186	Male Half Push Arm	3
8	CGA60187	Female Half Push Arm	3
9	CG60188	Backing Plate	3
10	CG60189	Rear Pivoting Pin - 8-1/4" Long (Under Head to Edge of Thread 6-9/16" Jan 96 and Prior)	6
	CG60192	Rear Pivoting Pin - 8-1/4" Long (Under Head to Edge of Thread 6-9/16" Jan 96 and After)	6
11	CG60190	Front Pivoting Pin - 6-1/4" Long	6
12	CG60200	Nylon-Graphite Bushing - 4" Long (Used 1994 and Prior)	12
13	CG60202	Nylon-Graphite Bushing - 2" Long (Used 1994 and Prior)	6
14	CG60203	Roll Pin - Wing Castor Wheel	2
15	CG60201	Nylon-Graphite Wear Washer	3
16	DR122	Grease Seal	3
17	DR120	Cone Bearing - #LM25580	3
18	DR118	Bearing Cup - #FLM25520	3
19	DR99	Hub c/w Cups	3
20	DR92	Bearing Cup - #FLM48510	3
21	DR91	Cone Bearing - #LM48548	3

Ref. No.	Part No.	Description	Qty. Req'd
22		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	3
23	DR110	1" N.F. Slotted Hex Nut	3
24	DR123	Hub Cap	3
25	C60160	15" x 8" 6 Bolt Rim w/Stem Protector	3
26	DR125	Wheel Stud	18
27	CGA60191	Front Pin	3
28	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	6
29	DR5215	1-1/4" x 4-1/4" N.C. Special Hex Bolt	3
30		5/8" x 6" N.C. Hex Bolt	12
31		1-1/4" N.C. Hex Nut	3
32		1" N.C. Hex Nut	12
33		5/8" N.C. Hex Nut	24
34		1-1/4" Lockwasher	3
35		1" Lockwasher	12
36		5/8" Lockwasher	24
37		1/4" x 2" Cotter Pin	3
38		3/16" x 1-1/4" Cotter Pin	3
39	10GN1	1/4" - 28 Grease Fitting	12
40	CGA60172	Spindle Assembly - Center Castor Wheel (Used 1995 and Later)	2
	CGA60173	Spindle Assembly - Center Castor Wheel (Used Prior to 1995) - Lock Pin Type	2
41	CGA60174	Spring Washers (Used 1995 and Later)	2
42		1" N.C. Hex Nut (Used 1995 and Later)	2
43		Cotter Pin	2

NOTE: Cultivators shipped after 1994 are not supplied with nylon-graphite bushings #CG60200 and #CG60202. Replacement parts will not be equipped with nylon-graphite bushings.

MODEL 5500 FREE-FLOATING HITCH CHISEL/CULTIVATOR



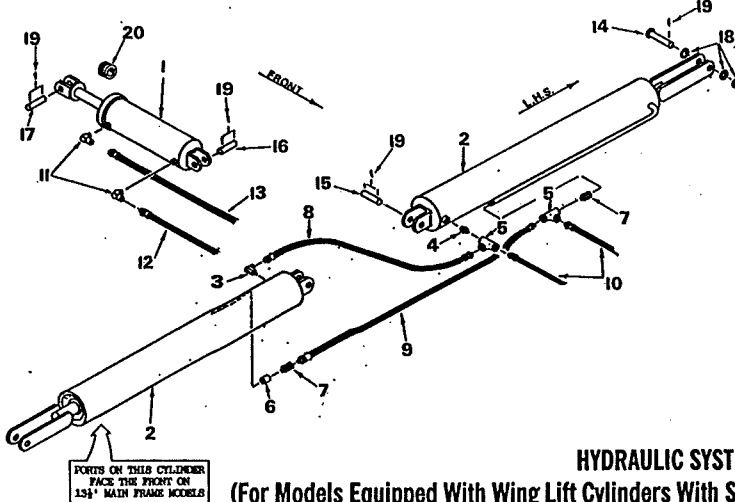
HYDRAULIC SYSTEM

(For Models Equipped With Wing Lift Cylinders Less Steel Oil Lines)

Ref. No.	Part No.	Description	Qty. Req'd
1	233	5" x 12" Rockshaft Cylinder - With Mechanical Depth Control	1
2	242	5" x 36" Wing Lift Cylinder - Less Steel Oil Line	*
	248	4" x 36" Wing Lift Cylinder - Less Steel Oil Line	*
3	CR50711	Depth Control Stop Ring - 1" Long	1
	CR50712	Depth Control Stop Ring - 1-1/2" Long	1
	CR50713	Depth Control Stop Ring - 1-3/4" Long	1
	CR50714	Depth Control Stop Ring - 2" Long	1
	CR50715	Depth Control Stop Ring - 2-1/4" Long	1
	DR50717	Depth Control Stop Ring - 4-1/4" Long	1
	CRB50728	Depth Control Stop Ring - All of Above - 12-3/4" Long	1
4	DL9769	3/8" x 90 Degree Swivel Street Elbow	*
5	CL50234	Male Coupler	1
6	DL5282	Female Tee	1
7	DL5283	3/8" x 90 Degree Street Elbow	2
8	DL5279	3/8" Male-Female Restricted Orifice Swivel	2

Ref. No.	Part No.	Description	Qty. Req'd
9	H48	3/8" x 48" Hydraulic Hose (For 16" Main Frame)	*
	H14	3/8" x 14" Hydraulic Hose (For 13-1/2" Main Frame)	*
10	H38	3/8" x 38" Hydraulic Hose	1
11	H85	3/8" x 85" Hydraulic Hose (For 16" Main Frame)	*
	H52	3/8" x 52" Hydraulic Hose (For 13-1/2" Main Frame)	*
12	H254-1-3	3/8" x 254" Hydraulic Hose (One 3/8" End, One 1/2" End)	2
13	DL9777	1/2" x 90 Degree Street Elbow	2
14	H315-1	1/2" x 315" Hydraulic Hose	1
15	H300-1	1/2" x 300" Hydraulic Hose	1
16	CRAS0727	1-1/4" Diameter x 6" Long Pin	2
17	DR5252	1-1/4" Diameter x 4-1/4" Long Pin	2
18	DR5262	1-1/4" Diameter x 4-3/4" Long Pin	2
20	DG5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
21		1/4" x 2" Cotter Pin	10

* As Required



HYDRAULIC SYSTEM

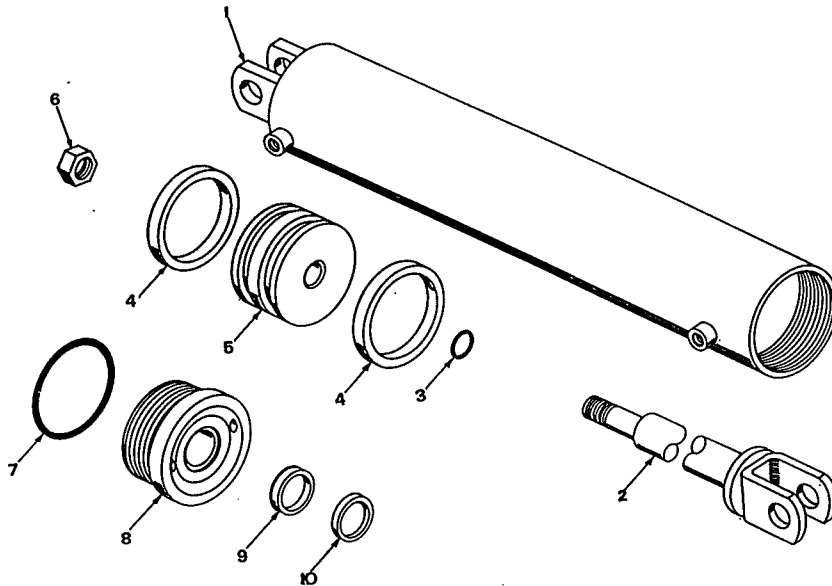
(For Models Equipped With Wing Lift Cylinders With Steel Oil Lines and 6' & 8' Wing Frames)

Ref. No.	Part No.	Description	Qty. Req'd
1	233	5" x 12" Rockshaft Cylinder - With Mechanical Depth Control	1
2	247	4" x 36" Wing Lift Cylinder - c/w Steel Oil Line. Order Cylinder #248 . When Cylinder Replaces Cylinder #247 The Following Parts Must Be Ordered:	2
		1 - DL5283 - 3/8" x 90 Degree Street Elbow	
		1 - 3/8" Hose - (Order Hose As Required)	
3	DL9769	3/8" x 90 Degree Street Elbow	1
4	CL50234	3/8" Male Coupler	1
5	DL5282	3/8" Female Tee	2
6	DL5280	3/8" Female Coupler	1
7	DL5279	3/8" Male-Female Restricted Orifice Swivel	2
8	H14	3/8" x 14" Hydraulic Hose (For 13-1/2" Main Frame)	*
	H48	3/8" x 48" Hydraulic Hose (For 16" Main Frame)	*
9	H19	3/8" x 19" Hydraulic Hose (For 13-1/2" Main Frame)	*
	H52	3/8" x 52" Hydraulic Hose (For 16" Main Frame)	*
10	H254-1-3	3/8" x 254" Hydraulic Hose (One 3/8" End, One 1/2" End)	2

Ref. No.	Part No.	Description	Qty. Req'd
11	DL9777	1/2" x 90 Degree Street Elbow	2
12	H315-1	1/2" x 315" Hydraulic Hose	1
13	H300-1	1/2" x 300" Hydraulic Hose	1
14	CRAS0727	1-1/4" x 6" Long Pin	2
15	DR5252	1-1/4" x 4-1/4" Long Pin	2
16	DR5262	1-1/4" x 4-3/4" Long Pin	1
17	CR50726	1-1/4" x 5-3/4" Long Pin	1
18	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
19		1/4" x 2" Cotter Pin	10
20	CR50711	Depth Control Stop Ring - 1" Long	1
	CR50712	Depth Control Stop Ring - 1-1/2" Long	1
	CR50713	Depth Control Stop Ring - 1-3/4" Long	1
	CR50714	Depth Control Stop Ring - 2" Long	1
	CR50715	Depth Control Stop Ring - 2-1/4" Long	1
	CR50717	Depth Control Stop Ring - 4-1/4" Long	1
	CRB50728	All Of The Above Stop Rings - 12-3/4" Package	*

* As Required

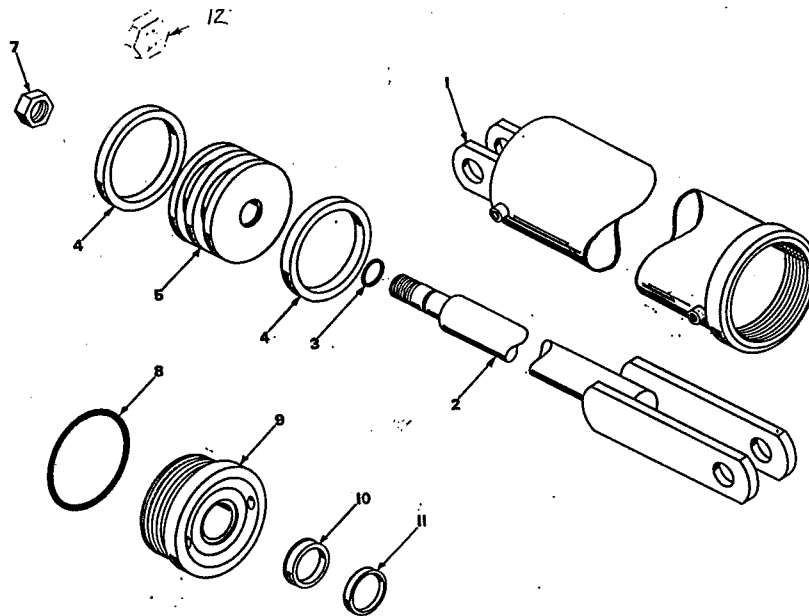
MODEL 5500 FREE-FLOATING CHISEL/CULTIVATOR



ROCKSHAFT CYLINDER (233)
(For Mechanical Collars For Depth Control)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU7	Tube Assembly - 5" x 12"	1
2	10SH42	Shaft - 1-3/4" x 12"	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring	1
4	50CU1	5" U-Cup	2
5	50PB2	5" O.D. x 1-1/4" I.D. Piston	1
6	10NU3	1-1/4" Locking Nut	1
7	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
8	50HP1	5" Head Plate	1
9	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal	1
10	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	1

* As Required



WING LIFT CYLINDER (5" x 36")

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU8	Tube Assembly - 5" x 36" (For Cylinder #242)	1
2	10SH36	Shaft - 1-3/4" x 36" (For 1-1/4" Nut)	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring (For 1-1/4" Nut)	1
4	50CU1	5" U-Cup	2
5	50PB2	Piston (For 1-1/4" Nut)	1
7	10NU3	1-1/4" x 12 UNS Hex Nut	1
8	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
9	50HP1	5" Head Plate	1
10	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal	1
11	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	1
12		1" Nylon Type Lock Nut (Replaced by Steel Crimped Nut)	

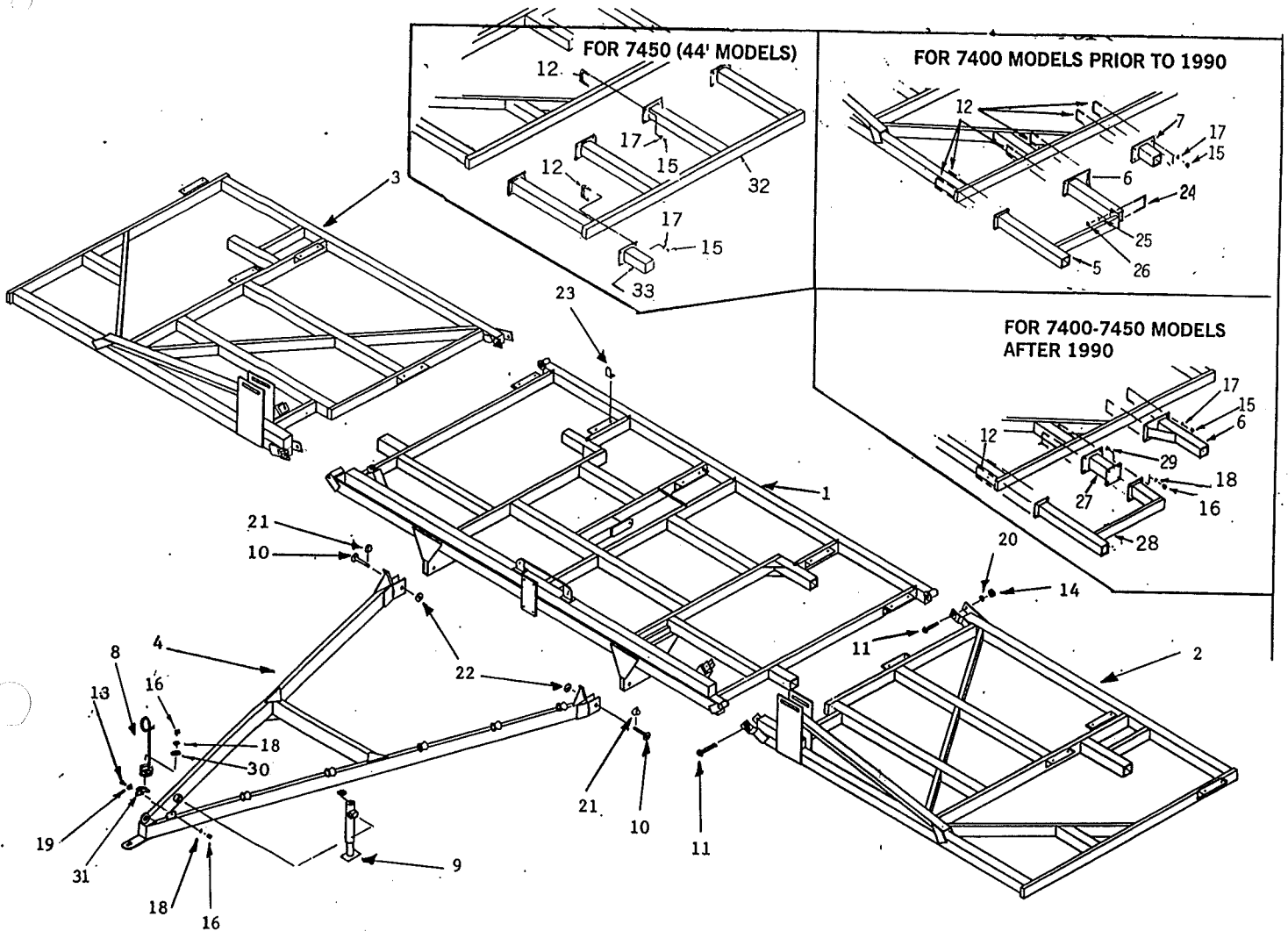
WING LIFT CYLINDER (4" x 36")

Ref. No.	Part No.	Description	Qty. Req'd
1	40TU8	Tube Assembly - 4" x 36" (Less Steel Oil Line)	1
2	10SH36	Shaft - 1-3/4" x 36" (For 1-1/4" Nut)	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring	1
4	40CU3	4" U-Cup	2
5	40PB7	Piston	1
7	10NU3	1-1/4" x 12 UNS Hex Nut	1
8	10OR17	3-5/8" I.D. x 4" O.D. O-Ring	1
9	40HP4	4" O.D. x 1-3/4" I.D. Head Plate	1
10	10RS3	1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal	1
11	10WS3	1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal	1
12		1" Nylon Type Lock Nut (Replaced by Steel Crimped Nut)	

MODEL 5500 FREE-FLOATING CHISEL/CULTIVATOR**CYLINDER SEAL KIT**

Kit No.	Contents	Application
4017N4	2 - 40CU3 - 4" U-Cups 1 - 100R17 - 3-5/8" I.D. x 4" O.D. O-Ring 1 - 100R13 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal 1 - 100R19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring	4" x 36" Cylinder
5017N4	2 - 50CU1 - 5" U-Cups 1 - 100R14 - 4-1/2" I.D. x 5" O.D. O-Ring 1 - 100R19 - 1-1/8" I.D. x 1-1/4" O.D. O-Ring 1 - 10RS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" I.D. x 2-1/8" O.D. x 3/16" Wiper Seal 1 - 100R13 - 1" I.D. x 1-1/4" O.D. O-Ring	5" x 12" & 5" x 36" Cylinders

MODEL 7400 FREE-FLOATING HITCH CHISEL PLOW



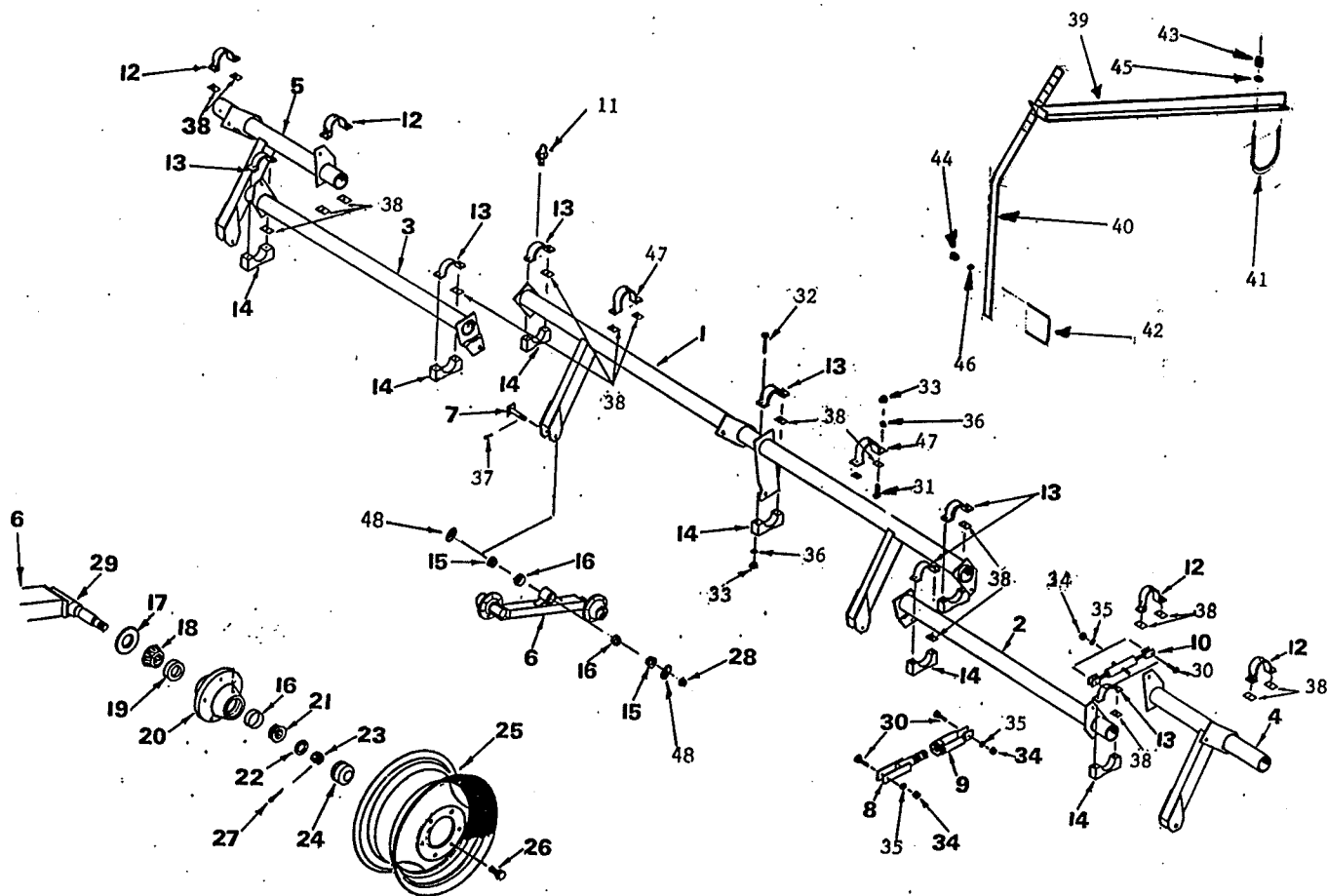
MAIN FRAME & HITCH

Ref. No.	Part No.	Description	Qty. Req'd
1	C55001	Main Frame - 16' Model	1
	C55036	Main Frame - 14' Model	1
2	C55051	10' L.H. Wing Frame	1
	C55053	8' L.H. Wing Frame	1
	C55055	6' L.H. Wing Frame	1
3	C55057	10' R.H. Wing Frame	1
	C55059	8' R.H. Wing Frame	1
	C55061	6' R.H. Wing Frame	1
4	C55101	Long Hitch (for 26' and 28' Models)	1
	C55103	Extra Long Hitch (for 30' and up Models)	1
5	C55115	31" Stub Extension Assembly (Old Style Prior To 1990)	2
6	C55116	21" Stub Extension Assembly	2
7	C55117	7" Stub Extension Assembly (Old Style Prior To 1990)	2
8	DHA9961	Hose Support	1
9	DHBS170	Hitch Jack	1
10	C60101	1-1/4" x 6-3/4" Long Hitch Pin	2
11	C55075	1-1/4" x 7-1/2" Hex Bolt (Drilled For Cotter Pin)	4
12	C50541	5/8" x 4" x 3-7/16" U-Bolt (Plated)	*
13		5/8" x 1-1/2" N.C. Hex Bolt	1

Ref. No.	Part No.	Description	Qty. Req'd
14		1-1/4" N.C. Hex Bolt	4
15		5/8" N.C. Hex Nut (Plated)	*
16		5/8" N.C. Hex Nut	*
17		5/8" Lockwasher (Plated)	*
18		5/8" Lockwasher	*
19		1-3/8" O.D. x 11/16" I.D. Flatwasher	*
20	C55076	1-1/4" Lockwasher	4
21		7/16" Lynch Pin	2
22		2" O.D. x 1-9/32" x 1/4" Flatwasher	2
23	C50546	"SMV" Bracket	1
24	C55203	3/4" x 4-13/16" x 5-5/8" U-Bolt	2
25		3/4" Lockwashers	4
26		3/4" N.C. Hex Nut	4
27	C55119	10" Stub Extension Assembly	2
28	C55118	31" Stub Extension Assembly	2
29		5/8" x 2" N.C. Hex Bolt	8
30		2" O.D. x 11/16" I.D. x 1/4" Flatwasher	1
31	C55110	Angle Support Bracket	1
32		36" Stub Frame Assembly	2

* As Required

MODEL 7400 FREE-FLOATING HITCH CHISEL PLOW



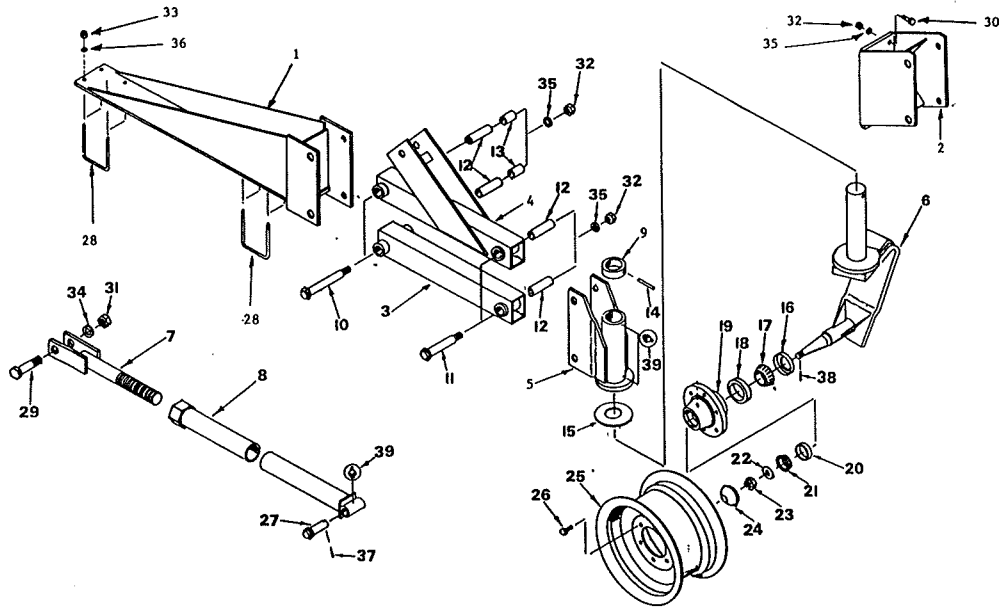
ROCKSHAFT, WHEEL & WALKING BEAM

Ref. No.	Part No.	Description	Qty. Req'd
1	C55125	16' Main Frame Rockshaft	1
	C55126	14' Main Frame Rockshaft	1
2	C55127	L.H. 10' Intermediate Rockshaft	1
	C55128	L.H. 8' Intermediate Rockshaft	1
	C55129	L.H. 6' Intermediate Rockshaft	1
3	C55130	R.H. 10' Intermediate Rockshaft	1
	C55131	R.H. 8' Intermediate Rockshaft	1
	C55132	R.H. 6' Intermediate Rockshaft	1
4	C55133	L.H. Wing Frame Rockshaft	1
5	C55134	R.H. Wing Frame Rockshaft	1
6	C55150	L.H. Walking Beam Assembly	2
	C55151	R.H. Walking Beam Assembly	2
7	C50695	Walking Beam Pin	4
8	DRA9620	Rockshaft Link - Male Half, Adjustable	2
9	C50698	Rockshaft Link - Female Half, Adjustable	2
10	C60091	Wing Rockshaft Turnbuckle Assembly	2
11	10GN1	1/4 - 28 Grease Fitting	29
12	C50703	Reinforced Rockshaft Bearing	4
13	DR8601-B	Rockshaft Bearing - Top	7
14	DR8601-T	Rockshaft Bearing - Bottom	7
15	C50707	Cone Bearing - LM48500LA	8
16	DR92	Bearing Cup - LM48510	8
17	DR122	Grease Seal	8
18	DR120	Cone Bearing - LM25580	8
19	DR118	Bearing Cup - LM25520	8
20	DRA9	Hub c/w Cups	8
21	DR91	Cone Bearing - LM48548	8
22		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	8

Ref. No.	Part No.	Description	Qty. Req'd
23	DR110	1" N.F. Slotted Hex Nut	8
24	DR123	Hub Cap	8
25	C60160	15" x 8" 6 Bolt Rim w/Slam Protector	8
26	DR125	9/16" x 1-1/8" N.F. Wheel Stud	8
27		3/16" x 1-1/4" Cotter Pin	48
28		1-3/8" N.F. Slotted Hex Nut	8
29	DR114	Spindle - Weld-On	4
30	DR5215	1-1/4" x 4-1/4" N.C. Hex Bolt	8
31		3/4" x 2-1/4" N.C. Hex Bolt	8
32		3/4" x 6-1/2" N.C. Hex Bolt	12
33		3/4" N.C. Hex Nut	8
34		1-1/4" N.C. Hex Nut	8
35		1-1/4" Lockwasher	12
36		3/4" Lockwasher	8
37		1/4" x 2-1/4" Cotter Pin	26
38	C50692	Rockshaft Bearing Shim	4
39	C60146	Depth Control Pointer	*
40	C55250	Depth Control Indicator (To Bolt to Side Of Frame)	1
41	C60148	Depth Control Pointer U-Bolt	1
42	C50541	5/8" x 4" x 3-7/16" U-Bolt (Plated)	1
43		3/8" N.C. Hex Nut	1
44		5/8" N.C. Hex Nut (Plated)	2
45		5/8" Lockwasher (Plated)	2
46		5/8" Lockwasher (Plated)	2
47	C50704	Rockshaft Bearing	2
48	C50177	2-3/8" O.D. x 1-3/8" I.D. x .083 Thick Machinery Bushing	2
	C50178	2-3/8" O.D. x 1-3/8" I.D. x .134 Thick Machinery Bushing	*

* As Required

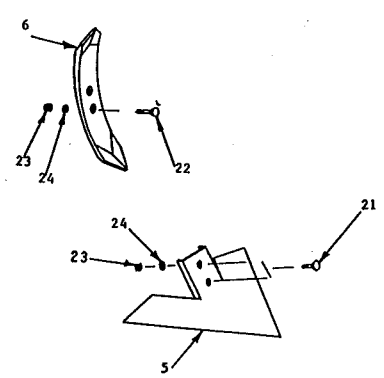
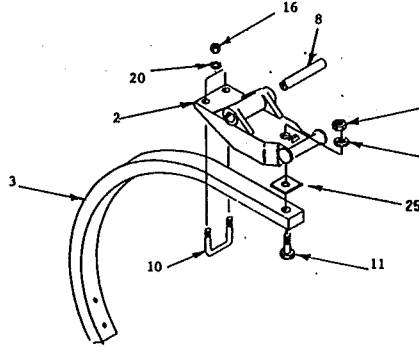
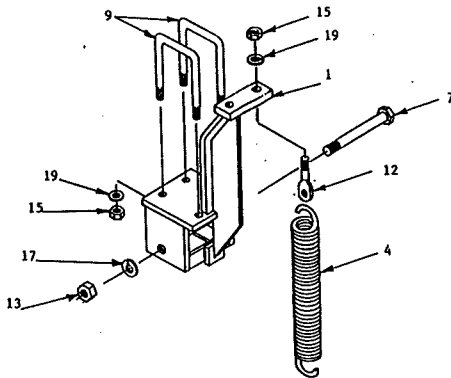
MODEL 7400 FREE-FLOATING HITCH CHISEL PLOW



CASTOR WHEEL

Ref. No.	Part No.	Description	Qty. Req'd
1	C55230	Castor Wheel Attaching Frame Assembly - Wing Frame Only	2
2	C55231	Castor Wheel Attaching Frame Assembly - Main Frame Only	1
3	C60182	Bottom Pivoting Arm	3
4	C55232	Top Pivoting Arm	3
5	C60183	Bearing Tube	3
6	C60185	Pivot Aids	3
7	C55233	Male Half Push Arm	3
8	C60187	Female Half Push Arm	3
9	C60184	Bearing Tube Assembly Securing Ring	3
10	C60189	Rear Pivoting Pin - 8-1/4" Long	3
11	C60190	Front Pivoting Pin - 6-1/4" Long	3
12	C60200	Nylon - Graphite Bushing - 4" Long	12
13	C60202	Nylon - Graphite Bushing - 2" Long	6
14	C60203	Pin	3
15	C60201	Nylon - Graphite Wear Washer	3
16	DR122	Grease Seal	3
17	DR120	Cone Bearing - #LM25580	3
18	DR118	Bearing Cup - #LM25520	3
19	DRA9	Hub c/w Cups	3
20	DR92	Bearing Cup - #LM48510	3

Ref. No.	Part No.	Description	Qty. Req'd
21	DR91	Cone Bearing - #LM48548	3
22		2" O.D. x 1-1/16" I.D. x 1/8" Thick Flatwasher	3
23	DR110	1" N.F. Slotted Hex Nut	3
24	DR123	Hub Cap	3
25	C60160	15" x 8" 6 Bolt Rim	3
26	DR125	9/16" x 1-1/8" N.F. Wheel Stud	18
27	C60191	Front Pin - Push Rod	3
28	DG6080	5/8" x 4" x 5-7/16" Long U-Bolt	8
29	DR5215	1-1/4" x 4-1/4" N.C. Special Hex Bolt	3
30		1" x 2-3/4" N.C. Hex Bolt	4
31		1-1/4" N.C. Hex Nut	3
32		1" N.C. Hex Nut	4
33		5/8" N.C. Hex Nut	16
34		1-1/4" Lockwasher	3
35		1" Lockwasher	4
36		5/8" Lockwasher	16
37		5/16" x 2" Cotter Pin	3
38		3/16" x 1-1/4" Cotter Pin	3
39	10GNI	1/4 - 28 Grease Fitting	12



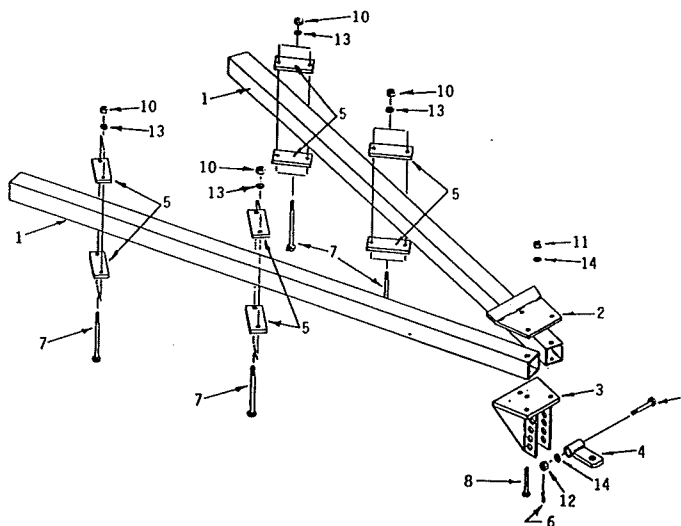
SHANK ASSEMBLY

Ref. No.	Part No.	Description	Qty. Req'd
1	C55209	Shank Tower Assembly	*
2	C55208	Shank Holder (Cast) c/w Bushing	*
3	C55210	Shank - 1-1/4" Thick	*
4	C55205	2-3/4" O.D. x 9/16" Wire Spring	*
5	C55211	1/4" x 16" Sweep	*
6	C55212	5/8" x 2" x 16" Reversible Spike	*
7	C55206	1" x 7-1/2" N.C. Hex Head Pivot Bolt	*
8	C55201	1-1/4" O.D. x 5" Long Pivot Bushing	*
9	C55203	3/4" x 4" x 5-5/8" Long U-Bolt	*
10	C55202	5/8" x 2" x 2-3/4" Long U-Bolt	*
11		7/8" x 3" N.C. Hex Bolt	*
12	C55207	3/4" x 4" Long Spade Bolt	*
13		1" N.C. Hex Nut	*

Ref. No.	Part No.	Description	Qty. Req'd
14		7/8" N.C. Hex Nut	*
15		3/4" N.C. Hex Nut	*
16		5/8" N.C. Hex Nut	*
17		1" Lockwasher	*
18		7/8" Lockwasher	*
19		3/4" Lockwasher	*
20		5/8" Lockwasher	*
21		1/2" x 2-1/4" Plow Bolt - For 1/4" x 16 Sweep	*
22		1/2" x 2-1/2" Plow Bolt - For Reversible Spike	*
23		1/2" N.C. Hex Nut (Plated)	*
24		1/2" Lockwasher (Plated)	*
25	C55221	11 Gauge x 2" x 2" Shim	*

* As Required

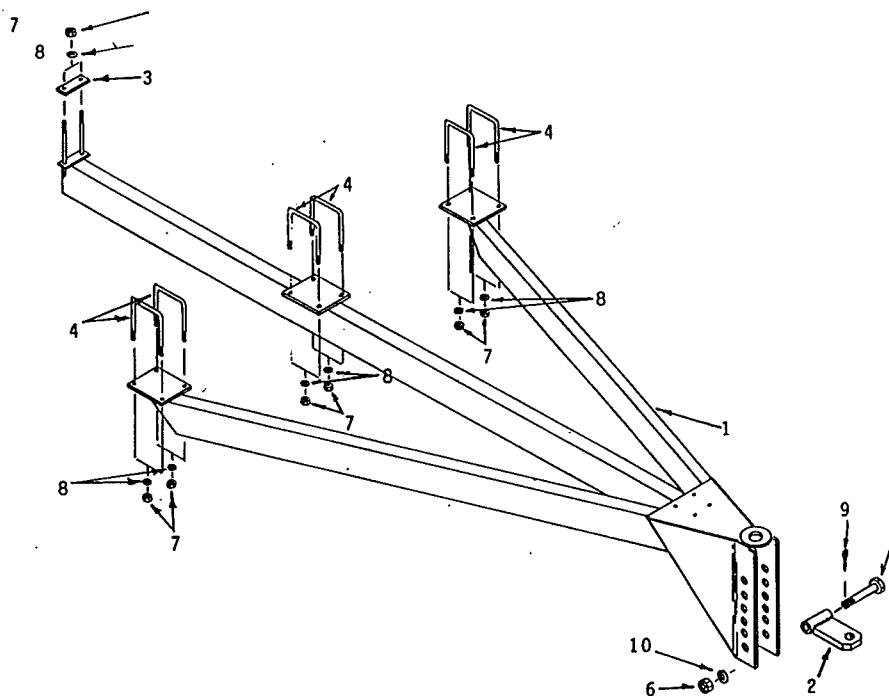
MODEL 7400 FREE-FLOATING CHISEL PLOW



CHISEL PLOW TOW HITCH (OPTIONAL)

Ref. No.	Part No.	Description	Qty. Req'd
1	CS5255	Drawbar - L.H. and R.H.	2
2	CS5256	Top Plate	1
3	CA5257	Bottom Hitch Lug	1
4	CS5259	Tongue	1
5	CS5260	Clamp Plate	8
6		3/16" x 1-1/2" Cotter Pin	1
7		3/4" x 11" N.C. Hex Bolt	8

Ref. No.	Part No.	Description	Qty. Req'd
8		1" x 7" N.C. Hex Bolt	3
9		1" x 5-1/2" N.C. Hex Bolt (Drilled)	1
10	L1630	3/4" N.C. Hex Nut	8
11		1" N.C. Hex Nut	3
12	L1574	1" N.C. Hex Slotted Nut	1
13		3/4" Lockwasher	8
14		2" O.D. x 1-1/16" I.D. x 3/16" Washer	3

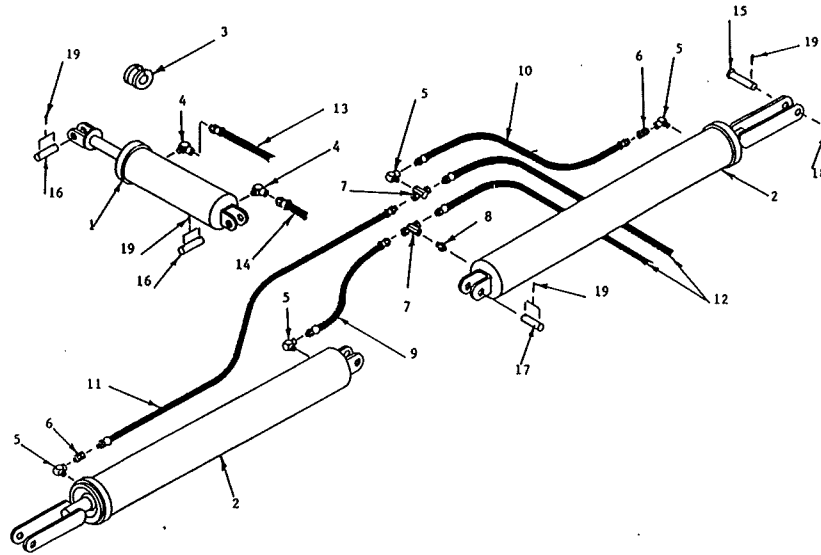


CHISEL PLOW (OPTIONAL) - USED 1990 AND PRIOR

Ref. No.	Part No.	Description	Qty. Req'd
1		Tow Hitch	1
2	CS5259	Tongue	1
3	CH60120	Backing Plate	1
4	CS50734	1/2" x 4" x 5-1/4" Long U-Bolt - Plated	6
5	L1630	1" x 5-1/2" N.D. Hex Bolt (Drilled)	1

Ref. No.	Part No.	Description	Qty. Req'd
6	L1574	1" N.C. Hex Slotted Nut	1
7		1/2" N.C. Hex Nut (Plated)	14
8		1/2" Lockwasher (Plated)	14
9		3/16" x 1-1/2" Cotter Pin	1
10		1" Lockwasher	1

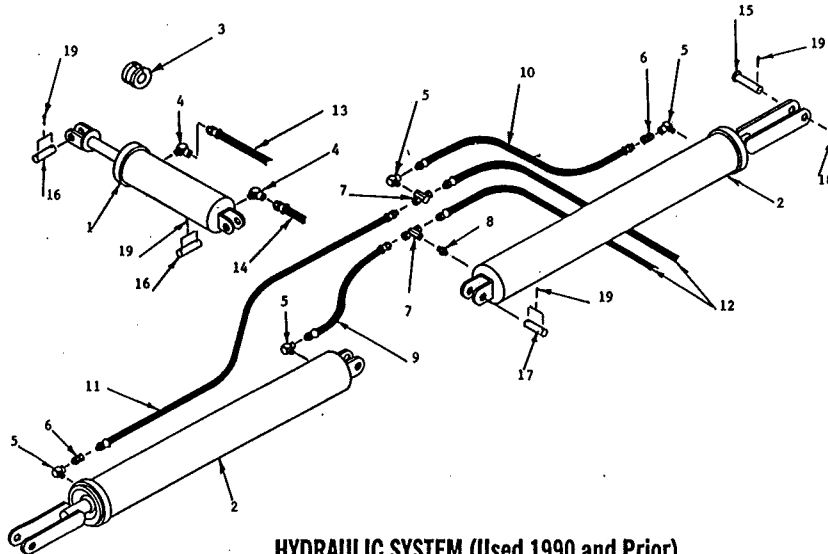
MODEL 7400 FREE-FLOATING HITCH CHISEL PLOW



HYDRAULIC SYSTEM

Ref. No.	Part No.	Description	Qty. Req'd
1	233	5" x 12" Rockshaft Cylinder w/Mechanical Depth Control	1
2	248	4" x 36" Wing Lift Cylinder used w/6" and 8" Wing Frames	2
	242	5" x 36" Wing Lift Cylinder used w/10" Wing Frames	2
3	C50711	Depth Control Stop Ring - 1" Long	1
	C50712	Depth Control Stop Ring - 1-1/2" Long	1
	C50713	Depth Control Stop Ring - 1-3/4" Long	1
	C50714	Depth Control Stop Ring - 2" Long	1
	C50715	Depth Control Stop Ring - 2-1/4" Long	1
	C50717	Depth Control Stop Ring - 4-1/4" Long	1
	C50728	All of the above stop rings - 12-3/4" package	1
4	DL9770	1/2" x 90 Degree Street Elbow	2
5	DL5283	3/8" x 90 Degree Street Elbow	4
6	DL5279	3/8" Male - Female Restricted Orifice Swivel	2
7	DL9767	3/8" Swivel Tee	2
8	C55161	3/8" Male x 3/8" Male Coupler	1
9	H12	3/8" x 12" Hydraulic Hose (14 Shank Main Frame)	1

Ref. No.	Part No.	Description	Qty. Req'd
	H36	3/8" x 36" Hydraulic Hose (16 Shank Main Frame)	1
	H36	3/8" x 36" Hydraulic Hose (14 and 16 Shank Main Frame)	1
10	H50	3/8" x 50" Hydraulic Hose (14 Shank Main Frame)	1
11	H74	3/8" x 74" Hydraulic Hose (16 Shank Main Frame)	1
12	H306-1-3	3/8" x 306" Hyd Hose (One 3/8" End, One 1/2" End) (Long Hitch)	2
	H348-1-3	3/8" x 348" Hyd Hose (One 3/8" End, One 1/2" End) (Ex Long Hitch)	2
13	H354-1	1/2" x 354" Hyd Hose (1/2" Ends) (Long Hitch)	1
	H396-1	1/2" x 396" Hyd Hose (1/2" Ends) (Extra Long Hitch)	1
14	H338-1	1/2" x 338" Hyd Hose (1/2" Ends) (Long Hitch)	1
	H380-1	1/2" x 380" Hyd Hose (1/2" Ends) (Extra Long Hitch)	1
15	C50727	1-1/4" Diameter x 6" Long Pin	2
16	DR5262	1-1/4" Diameter x 4-4/3" Long Pin	1
17	DR5252	1-1/4" Diameter x 4-1/4" Long Pin	2
18	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
19		1/4" x 2" Cotter Pin	10

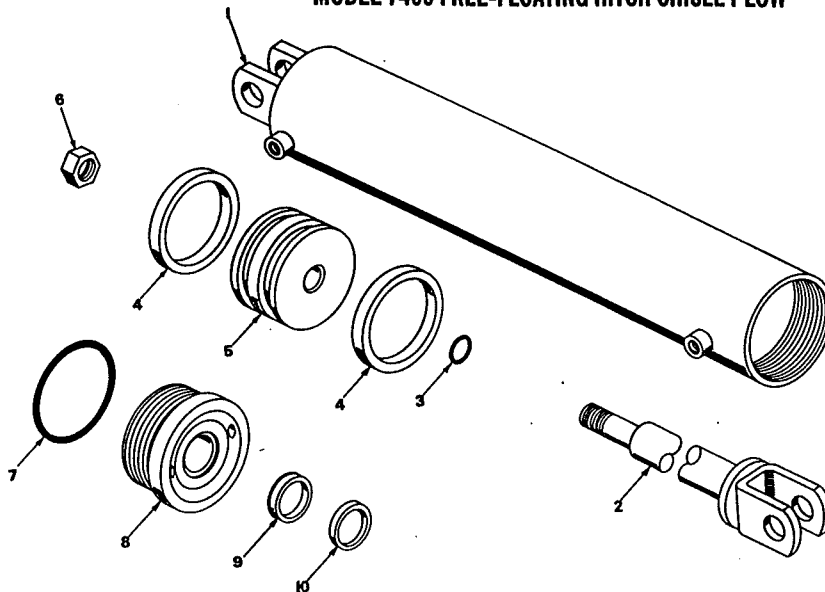


HYDRAULIC SYSTEM (Used 1990 and Prior)

Ref. No.	Part No.	Description	Qty. Req'd
1	233	5" x 12" Rockshaft Cylinder w/Mechanical Depth Control	1
2	248	4" x 36" Wing Lift Cylinder used w/6" and 8" Wing Frames	2
	242	5" x 36" Wing Lift Cylinder used w/10" Wing Frames	2
3	C50711	Depth Control Stop Ring - 1" Long	1
	C50712	Depth Control Stop Ring - 1-1/2" Long	1
	C50713	Depth Control Stop Ring - 1-3/4" Long	1
	C50714	Depth Control Stop Ring - 2" Long	1
	C50715	Depth Control Stop Ring - 2-1/4" Long	1
	C50717	Depth Control Stop Ring - 4-1/4" Long	1
	C50728	All of the above stop rings - 12-3/4" package	1
4	DL9770	1/2" x 90 Degree Street Elbow	2
5	DL5283	3/8" x 90 Degree Street Elbow	4
6	DL5279	3/8" Male - Female Restricted Orifice Swivel	2
7	DL9767	3/8" Swivel Tee	2
8	C55161	3/8" Male x 3/8" Male Coupler	1

Ref. No.	Part No.	Description	Qty. Req'd
9	H12	3/8" x 12" Hydraulic Hose (14 Shank Main Frame)	1
	H36	3/8" x 36" Hydraulic Hose (16 Shank Main Frame)	1
10	H36	3/8" x 36" Hydraulic Hose (14 and 16 Shank Main Frame)	1
11	H50	3/8" x 50" Hydraulic Hose (14 Shank Main Frame)	1
	H74	3/8" x 74" Hydraulic Hose (16 Shank Main Frame)	1
12	H288-1-3	3/8" x 288" Hyd Hose (One 3/8" End, One 1/2" End) (Short Hitch)	2
	H306-1-3	3/8" x 306" Hyd Hose (One 3/8" End, One 1/2" End) (Long Hitch)	2
13	H336-1	1/2" x 336" Hyd Hose (1/2" Ends) (Short Hitch)	1
	H354-1	1/2" x 354" Hyd Hose (1/2" Ends) (Long Hitch)	1
14	H320-1	1/2" x 320" Hyd Hose (1/2" Ends) (Short Hitch)	1
	H338-1	1/2" x 338" Hyd Hose (1/2" Ends) (Long Hitch)	1
15	C50727	1-1/4" Diameter x 6" Long Pin	2
16	DR5262	1-1/4" Diameter x 4-4/3" Long Pin	1
17	DR5252	1-1/4" Diameter x 4-1/4" Long Pin	2
18	DF5068	1-5/16" I.D. x 2" O.D. x 1/4" Thick Washer	6
19		1/4" x 2" Cotter Pin	10

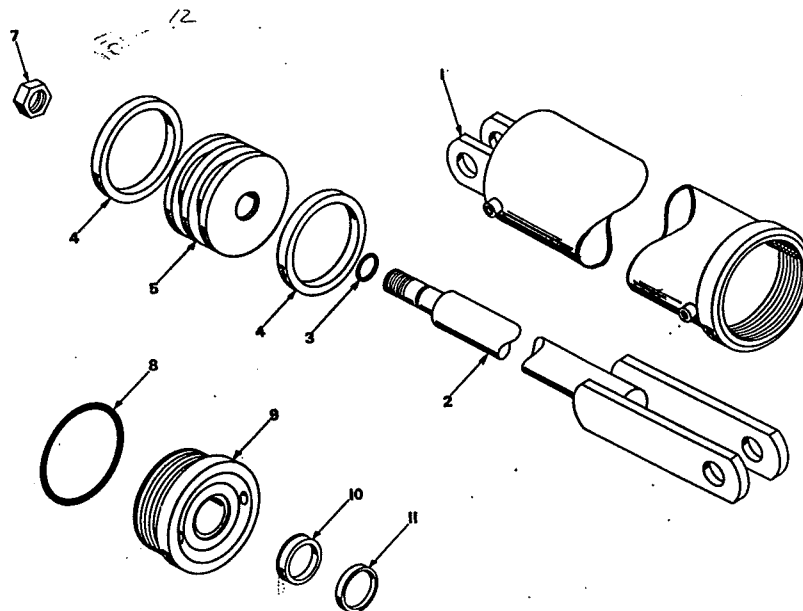
MODEL 7400 FREE-FLOATING HITCH CHISEL PLOW



ROCKSHAFT CYLINDER (233) (For Mechanical Collars For Depth Control)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU7	Tube Assembly - 5" x 12"	1
2	10SH42	Shaft - 1-3/4" x 12"	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-Ring	1
4	50CU1	5" x 4-1/2" x 9/16" U-Cup	2
5	50PB2	5" O.D. x 1-1/4" Piston	1

Ref. No.	Part No.	Description	Qty. Req'd
6	10NU3	1-1/4" Locking Nut	1
7	10OR14	4-1/2" I.D. x 5" O.D. O-Ring	1
8	50HP1	5" Head Plate	1
9	10RS3	1-3/4" x 2-1/8" x 3/8" Rod Seal	1
10	10WS3	1-3/4" x 2-1/8" x 3/16" Wiper Seal	1



WING LIFT CYLINDER - 5" x 36" Cylinder (For 10 ft. Wings)

Ref. No.	Part No.	Description	Qty. Req'd
1	50TU8	Tube Assembly - 5" x 36" (for cylinder #242)	1
2	10SH36	Shaft - 1-3/4" x 36" (for 1-1/4" nut)	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-ring	1
4	50CU1	5" x 4-1/2" x 9/16" U-cup	2
5	50PB2	Piston (for 1-1/4" Nut)	1
6			
7	10NU6	1-1/4" x 12 UNS Hex Locknut (Steel)	1
8	10OR14	4-1/2" I.D. x 5" O.D. O-ring	1
9	50HP1	5" Head Plate	1
10	10RS3	1-3/4" x 2-1/8" x 3/8" Rod Seal	1
11	10WS3	1-3/4" x 2-1/8" x 3/16" Rod Seal	1
12		1-1/4" Nylon Locknut (replaced by steel crimped nut)	

WING LIFT CYLINDER - 4" x 36" Cylinder (For 6 ft. & 8 ft. Wings)

Ref. No.	Part No.	Description	Qty. Req'd
1	40TU8	Tube Assembly - 4" x 36" (for cylinder #248)	1
2	10SH36	Shaft - 1-3/4" x 36" (for 1-1/4" nut)	1
3	10OR19	1-1/8" I.D. x 1-1/4" O.D. O-ring	1
4	40CU3	4" x 3-1/2" x 3/8" U-cup	2
5	40PB7	Piston	1
6			
7	10NU6	1-1/4" x 12 UNS Hex Locknut (Steel)	1
8	10OR17	4" O.D. x 3-5/8" O.D. O-ring	1
9	40HP4	4" O.D. x 1-3/4" I.D. Head Plate	1
10	10RS3	1-3/4" x 2-1/8" x 3/8" Rod Seal	1
11	10WS3	1-3/4" x 2-1/8" x 3/16" Rod Seal	1
12		1-1/4" Nylon Locknut (replaced by steel crimped nut)	

MODEL 7400 FREE-FLOATING HITCH CHISEL PLOW

CYLINDER SEAL KIT

Kit No.	Contents	Application
4017N4	2 - 40CU3 - 4" x 3-1/2" x 3/8" U-Cup 1 - 100R17 - 3-5/8" I.D. x 4" O.D. O-ring 1 - 100R13 - 1-1/8" I.D. x 1-1/4" O.D. O-ring 1 - 10RS3 - 1-3/4" x 2-1/8" x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" x 2-1/8" x 3/16" Wiper Seal	4" x 36" Cylinder
5017N4	2 - 50CU1 - 5" x 4-1/2" x 9/16" U-Cup 1 - 100R14 - 4-1/2" I.D. x 5" O.D. O-ring 1 - 100R19 - 1-1/8" I.D. x 1-1/4" O.D. O-ring 1 - 10RS3 - 1-3/4" x 2-1/8" x 3/8" Rod Seal 1 - 10WS3 - 1-3/4" x 2-1/8" x 3/16" Rod Seal 1 - 100R13 - 1" I.D. x 1-1/4" O.D. O-Ring	5" x 12" & 5" x 36" Cylinder

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