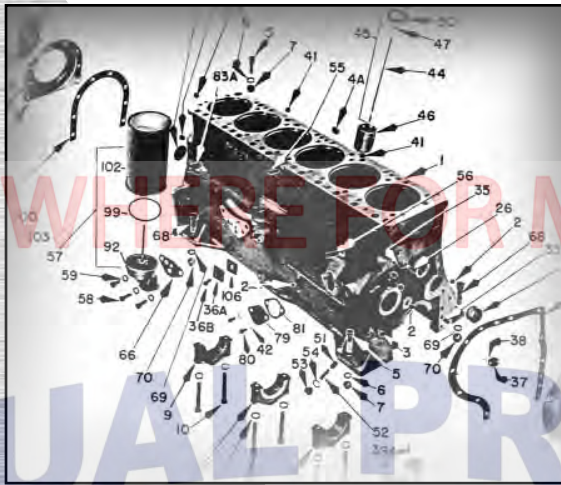




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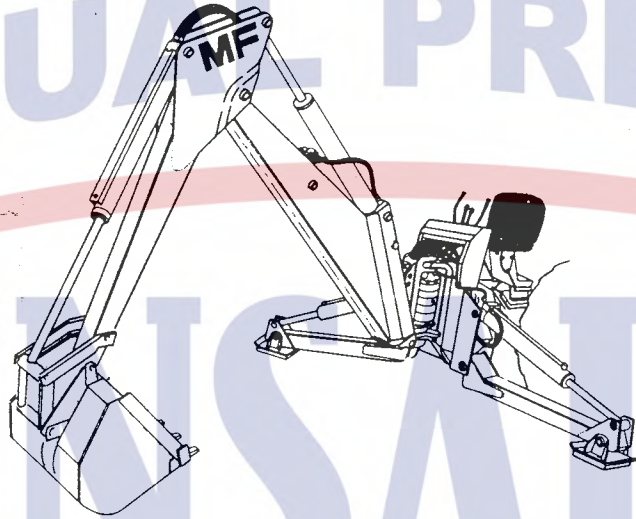
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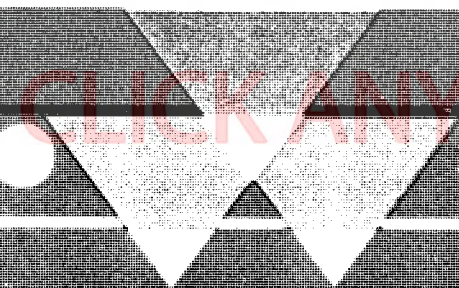
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1 607515 M91	27	2 750108 M1	40	2 750509 M91	39	3 186101 M91	28
1 607521 M1	24	2 750109 M1	40	2 750510 M91	39	3 186102 M1	15
1 607522 M1	27	2 750110 M51	40	2 750511 M1	39		
1 607523 M92	24	2 750111 M51	40	2 750512 M1	48		
1 607526 M1	24	2 750112 M51	40	2 750513 M1	48		
1 607527 M92	35	2 750113 M52	64	2 750514 M1	48		
1 607536 M1	32	2 750114 M55	3	2 750515 M91	48		
1 607537 M91	36	2 750115 M92	64	2 750516 M2	51		
1 607538 M91	36	2 750116 M92	63	2 750517 M1	48		
1 607559 M1	36	2 750117 M52	64	2 750518 M1	12		
1 607563 M1	35	2 750118 M1	44	2 750519 M1	12		
1 607564 M51	35	2 750119 M1	63	2 750520 M51	72		
1 607571 M2	25	2 750120 M1	63	2 750521 M1	3		
1 607577 M91	25	2 750121 M1	63	2 750522 M1	75		
1 607581 M1	25	2 750122 M1	3	2 750523 M1	75		
1 607582 M1	25	2 750123 M1	63	2 750524 M91	48		
1 607590 M1	32	2 750124 M1	39	2 750525 M91	48		
		2 750125 M1	7	2 750526 M91	48		
1 607592 M1	31	2 750126 M1	3	2 750527 M91	48		
1 607693 M1	28	2 750127 M1	7	2 750528 M1	51		
1 607716 M1	28	2 750128 M91	3	2 750529 M91	75		
1 607717 M1	31	2 750129 M1	3	2 750530 M91	48		
1 607725 M91	28	2 750130 M91	60	2 750531 M1	51		
1 607728 M1	31	2 750131 M91	60	2 750532 M1	39		
1 607730 M91	31	2 750132 M91	60	2 750533 M1	75		
1 607733 M1	24	2 750133 M91	60	2 750534 M92	75		
1 607915 M92	26	2 750134 M91	60	2 750535 M1	52		
1 752792 M1	55	2 750135 M91	60	2 750536 M1	52		
1 752846 M1	51	2 750136 M1	60	2 750537 M1	64		
1 881637 M1	26	2 750137 M1	12	2 750538 M1	64		
		2 750138 M91	12	2 750539 M1	64		
1 884170 M1	35	2 750139 M1	12	2 750540 M2	64		
1 884507 M1	23	2 750140 M92	12	2 750541 M1	64		
1 884850 M91	76	2 750141 M92	12	2 750542 M1	64		
1 885055 M1	27	2 750142 M2	12	2 750543 M1	64		
2 127900	55	2 750143 M1	12	2 750544 M1	64		
2 127901	55	2 750144 M51	12	2 750545 M1	64		
2 127902	55	2 750145 M51	12	2 750546 M1	64		
2 127903	55	2 750146 M51	12	2 750547 M1	64		
2 127904	54	2 750147 M1	3	2 750548 M1	64		
2 127905	54	2 750148 M1	51	2 750549 M1	64		
2 127906	54	2 750149 M1	51	2 750550 M1	64		
2 127907	54	2 750150 M1	3	2 750551 M1	64		
2 127908	54	2 750151 M1	11	2 750552 M1	64		
2 127910	75	2 750152 M91	63	2 750553 M91	15		
2 127911	71	2 750153 M92	63	2 750554 M1	19		
2 127912	71	2 750154 M1	51	2 750555 M1	4		
2 127913	71	2 750155 M1	63	2 750556 M1	3		
2 127914	71	2 750156 M91	63	2 750557 M1	3		

PART NO.	SEE PAGE	PART NO.	SEE PAGE	PART NO.	SEE PAGE	PART NO.	SEE PAGE
754710 X1	7						
754724 XG1	23						
754748 XG1	51						
754762 XG1	5						
754748 X1	22	76					
754742 X1	27	71					
771651 X1	51						
772866 XG1	5						
772717 XG1	15						
772718 XG7	19						
831427 X1	5						
831452 XG1	23						
844276 X1	5						
844277 X1	5						
844285 X1	7						
1 087405 XG1	23						
1 447505 X1	28						
2 749194 XG1	51						
2 752612 XG1	51						
2 752614 XG2	51						
2 752965 X1	51						
2 753173 XG1	43						
2 753172 XG1	43						
2 760323 X1	43						
2 760394 XG1	43						
2 760431 X1							

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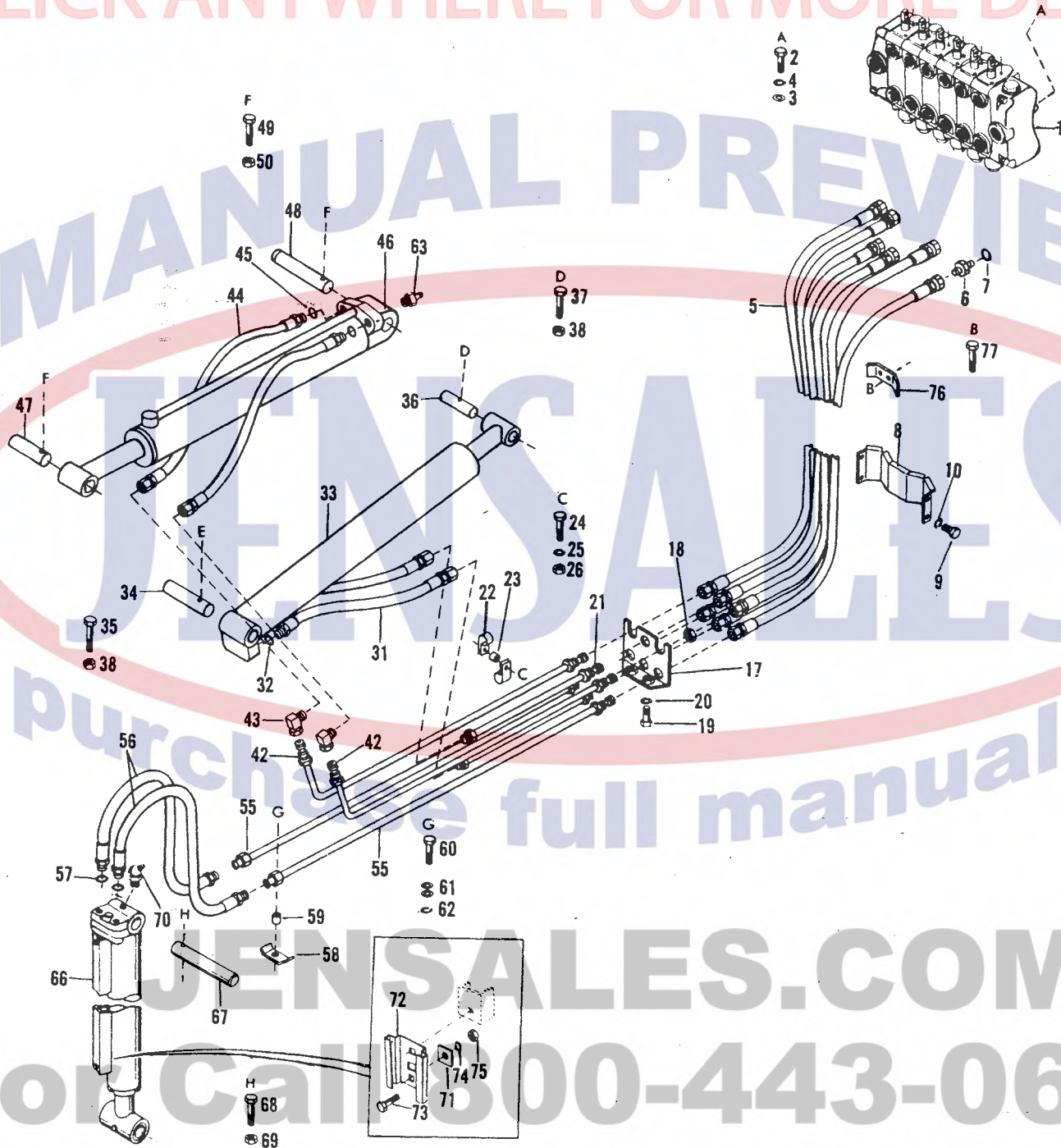
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BOOM, DIPPER AND BUCKET HYDRAULICS

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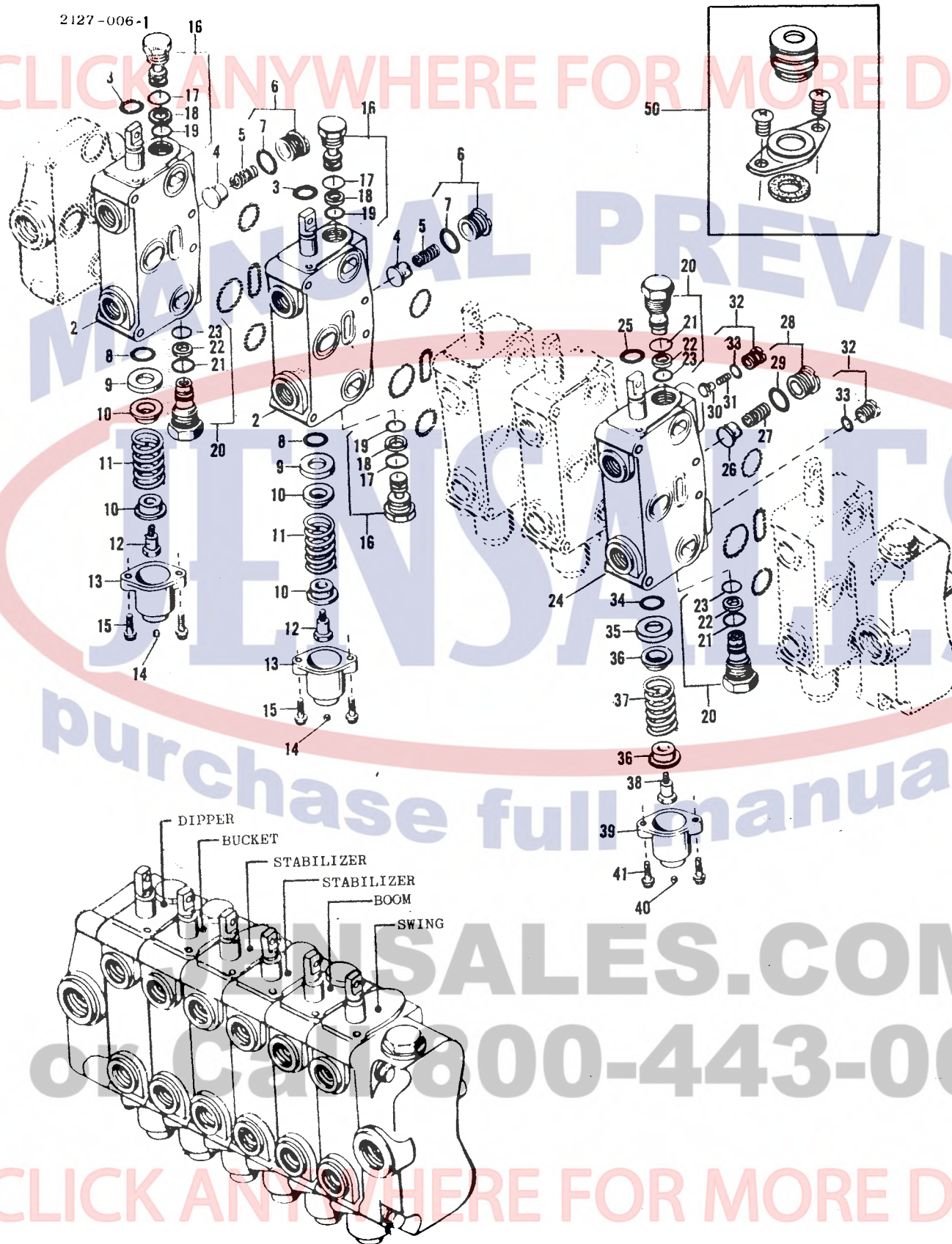


BOOM, DIPPER AND BUCKET HYDRAULICS

7

Ref. No.	Part No.	Description	No. Req.
1		Valve Assembly, Control (See Page 15 and 16).....	1
2	353 723 X1	Bolt (1/2 x 1" NC, Hex.).....	3
3	353 758 X1	Washer (1/2" Flat).....	1
4	353 439 X1	Washer (1/2" Lock).....	3
5	844 285 M1	Hose Assembly, Hydraulic.....	5
6	835 057 M91	Connector Assembly.....	6
7	835 025 M1	"O" Ring, Connector.....	1
8	2 750 391 M1	Clamp, Hose.....	1
9	353 666 X1	Bolt (1/4 x 5/8" NC, Hex.).....	4
10	353 441 X1	Washer (1/4" Lock).....	4
17	729 669 M91	Bracket Assembly, Mounting.....	1
18	355 575 X1	Nut, Lock.....	6
19	353 723 X1	Bolt (1/2 x 1" NC, Hex.).....	2
20	353 439 X1	Washer (1/2" Lock).....	2
21	729 310 M2	Tube Assembly, Hydraulic (Boom).....	2
22	363 700 X1	Clip, Tube.....	2
23	361 050 X1	Spacer, Clip.....	1
24	353 693 X1	Bolt (3/8 x 1-1/4" NC, Hex.).....	1
25	353 434 X1	Washer (3/8" Lock).....	1
26	355 566 X1	Nut (3/8" NC, Hex.).....	1
31	843 200 M92	Hose Assembly, Hydraulic (Boom Cylinder).....	2
32	835 024 M1	"O" Ring, Hose.....	1
33		Cylinder Assembly, Hydraulic (Boom)(See Pages 24-27).....	1
34	707 409 M1	Pin (1-1/2 x 9-1/2").....	1
35	353 898 X1	Bolt (3/8 x 3-1/4" NC, Hex.).....	1
36	707 293 M1	Pin (1-1/2 x 5-1/2").....	1
37	354 630 X1	Bolt (3/8 x 3-3/4" NC, Hex.).....	1
38	366 573 X1	Nut (3/8" NC, Hex., Lock).....	2
42	729 312 M1	Tube Assembly, Hydraulic (Short Dipper).....	2
42	729 316 M1	Tube Assembly, Hydraulic (Long Dipper).....	2
43	366 069 X1	Fitting, Hydraulic Tube (90°).....	2
44	843 200 M91	Hose Assembly, Hydraulic (Dipper Cylinder).....	2
45	835 024 M1	"O" Ring, Hose.....	1
46		Cylinder Assembly, Hydraulic (Dipper)(See Pages 28-31).....	1
47	707 474 M3	Pin (1-1/2 x 7-5/8).....	1
48	707 408 M1	Pin (1-1/2 x 12-3/8").....	1
49	353 898 X1	Bolt (3/8 x 3-1/4" NC, Hex.).....	2
50	366 573 X1	Nut (3/8" NC, Hex., Lock).....	2
55	729 314 M1	Tube Assembly, Hydraulic (Bucket)(Short Dipper).....	2
55	729 317 M1	Tube Assembly, Hydraulic (Bucket)(Long Dipper).....	2
56	843 154 M92	Hose Assembly, Hydraulic.....	2
57	835 024 M1	"O" Ring, Hose.....	1
58	725 169 M1	Clamp, Tube.....	1
59	360 665 X1	Spacer, Clamp.....	1
60	353 897 X1	Bolt (3/8 x 2" NC, Hex.).....	1
61	353 771 X1	Washer (3/8" Heavy Flat).....	2
62	353 434 X1	Washer (3/8" Lock).....	1
63	364 461 X1	Grease Fitting (1/8" P.T. Str.).....	2
66		Cylinder Assembly, Hydraulic (Bucket)(See Pages 32-35).....	1
67	707 407 M1	Pin (1-1/2 x 8-3/4").....	1
68	353 898 X1	Bolt (3/8 x 3-1/4").....	1
69	366 573 X1	Nut (3/8" NC, Hex.).....	1
70	19 575 X	Grease Fitting (1/8" P.T., 45°)(Order 1900 484 M92, Pkg. of 10).....	1
71	708 859 M1	Stop, Socket.....	1
72		Socket, Emblem (Order 19 518 A91).....	1
73	353 677 X1	Bolt (5/16 x 3/4" NC, Hex.).....	1
74	353 446 X1	Washer (5/16" Lock).....	1
75	355 565 X1	Nut (5/16" NC, Hex.).....	1
76	2 750 387 M1	Clamp, Hose.....	1
77	366 917 X1	Bolt (1/4 x 3-1/4" NC, Hex.).....	2

CONTROL VALVE



CONTROL VALVE

15

(DIPPER, BUCKET AND BOOM SECTIONS)

Ref. No.	Part No.	Description	No. Req.
2	729 717 M96	Valve Assembly, Control (Stamped 33106-AAS).....	1
3 (A)	1 096 648 M91	Section Assembly, Dipper and Buckets.....	2
4	368 650 X1	"O" Ring (1/8 x 3/4" I.D.).....	1
5	1 033 926 M1	Plunger, Lift Check.....	1
6	1 033 927 M1	Spring, Lift Check.....	1
7 (A)	1 095 008 M91	Plug Assembly, Lift Check.....	1
8 (A)	365 392 X1	"O" Ring (3/32 x 7/8" I.D.).....	1
9	1 508 879 M1	"O" Ring (3/32 x 3/4" I.D.).....	1
10	1 033 921 M1	Washer, "O" Ring Retainer (.1510").....	x
11	1 096 654 M1	Washer, "O" Ring Retainer (.1545").....	x
12	1 096 655 M1	Washer, "O" Ring Retainer (.1580").....	x
13	1 033 922 M1	Retainer, Spring.....	2
14	1 033 923 M1	Spring, Centering.....	1
15	1 033 924 M1	Screw, Spool.....	1
16	1 033 925 M91	Cap Assembly, Spool.....	1
17 (A)	1 086 541 M1	Plug, Cap.....	1
18 (A)	1 033 945 M1	Screw (1/4 x 7/8" NF, 12 P.T. Hd.).....	2
19 (A)	1 095 064 M91	Plug Assembly, Dipper and Bucket Sections.....	3
20	364 784 X1	"O" Ring (3/32 x 13/16" I.D.).....	1
21	368 651 X1	Washer (3/64 x 9/16" I.D.).....	1
22	831 585 M1	"O" Ring (3/32 x 9/16" I.D.).....	1
23	1 096 297 M91	Valve Assembly, Relief Dipper and Boom Sections (2875 P.S.I.)...	3
24 (B)	364 784 X1	"O" Ring (3/32 x 13/16" I.D.).....	1
25 (C)	368 651 X1	Washer (3/64 x 9/16" I.D.).....	1
26 (D)	831 585 M1	"O" Ring (3/32 x 9/16" I.D.).....	1
27	1 097 150 M91	Section Assembly, Boom (Incl. Items 25 thru 29).....	1
28	368 650 X1	Section Assembly, Boom (Order 1097 150 M91).....	1
29 (D)	1 033 926 M1	"O" Ring (1/8 x 3/4" I.D.).....	1
30 (C)	1 033 927 M1	Plunger, Lift Check.....	1
31 (C)	1 033 927 M1	Spring, Plunger.....	1
32 (C)	1 095 008 M91	Plug Assembly, Lift Check.....	1
33 (D)	365 392 X1	"O" Ring (3/32 x 7/8" I.D.).....	1
34 (D)	1 033 931 M1	Plunger, Anti-Cavity.....	1
35	1 020 314 M1	Spring, Plunger.....	1
36	1 020 732 M91	Plug Assembly, Anti-Cavity.....	2
37	359 294 X1	"O" Ring (3/32 x 1/2" I.D.).....	1
38	1 508 879 M1	"O" Ring (3/32 x 3/4" I.D.).....	x
39	1 033 921 M1	Washer, "O" Ring Retainer (.1510").....	x
40	1 096 654 M1	Washer, "O" Ring Retainer (.1545").....	x
41	1 096 655 M1	Washer, "O" Ring Retainer (.1580").....	x
	1 033 922 M1	Retainer, Spring.....	2
	1 033 923 M1	Spring, Centering.....	1
	1 033 924 M1	Screw, Spool.....	1
	1 033 925 M91	Cap Assembly, Spool.....	1
	1 086 541 M1	Plug, Cap.....	1
	1 033 945 M1	Screw (1/4 x 7/8" NF, 12 P.T. Hd.).....	2
	837 104 M91	Kit, Major Seal Repair.....	1
	837 105 M91	Kit, Seal (Incl. All Items Marked "A").....	2
	836 500 M92	Kit, Seal (Incl. All Items Marked "D").....	1
	836 190 M92	Kit, Seal (Between Sections)(See Page 16).....	1
50	2 755 190 M91	Kit, Seal, Spool Dust.....	x

Notes: (B) - Used Late Production.
(C) - Used Early Production.

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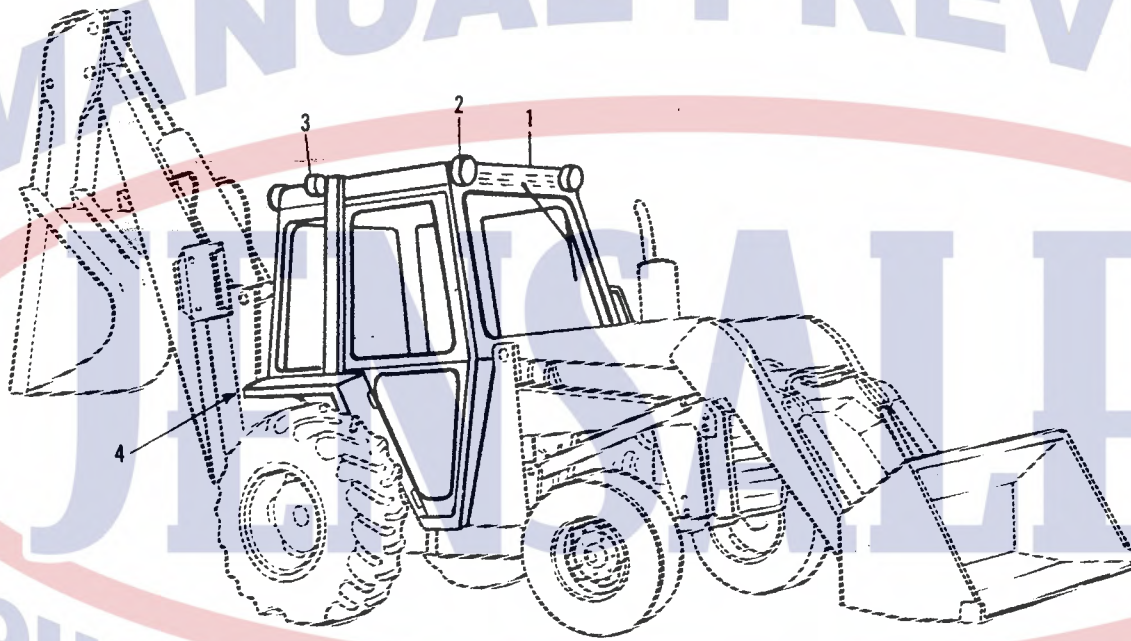
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(USED WITH 30B TRACTOR)

Ref. No.	Part No.	Description	No. Req.
(A)	2 241 966	R.O.P.S. Cab Assembly.....	1
1		Cab Assembly (Sims #1000-535)(Order Whole Goods 2241-966).....	1
2		Lamp Assembly, Work (See Page 72).....	4
3		Lamp Assembly, Warning (See Page 72).....	2
4		Lamp Assembly, Rear Warning (See Page 72).....	2
	2 241 980	Kit, Windshield Wiper, Rear (Not Illustrated)(Order Whole Goods 2241-980)....	1

(USED WITH 40B TRACTOR)

(A)	2 241 969	R.O.P.S. Cab Assembly.....	1
1		Cab Assembly (Sims #1000-536)(Order Whole Goods 2241-969).....	1
2		Lamp Assembly, Work (See Page 72).....	4
3		Lamp Assembly, Warning (See Page 72).....	2
4		Lamp Assembly, Rear Warning (See Page 72).....	2
	2 241 980	Kit, Windshield Wiper, Rear (Not Illustrated)(Order Whole Goods 2241-980)....	1

(USED WITH 50C TRACTOR)

(A)	2 241 972	R.O.P.S. Cab Assembly.....	1
1		Cab Assembly (Sims #1000-546)(Order Whole Goods 2241-972).....	1
2		Lamp Assembly, Work (See Page 72).....	4
3		Lamp Assembly, Warning (See Page 72).....	2
4		Lamp Assembly, Rear Warning (See Page 72).....	2
	2 241 987	Kit, Windshield Wiper, Rear (Not Illustrated)(Order Whole Goods 2241-972)....	1

Note: (A) - For Repair Parts Contact:
SIMS CABS INC.
Box 570
230 N. Maple St.
Payne, Ohio 45880

OR

SIMS CABS LTD.
Box 340
Long Sault Ontario
Canada

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or Call 800-443-0625