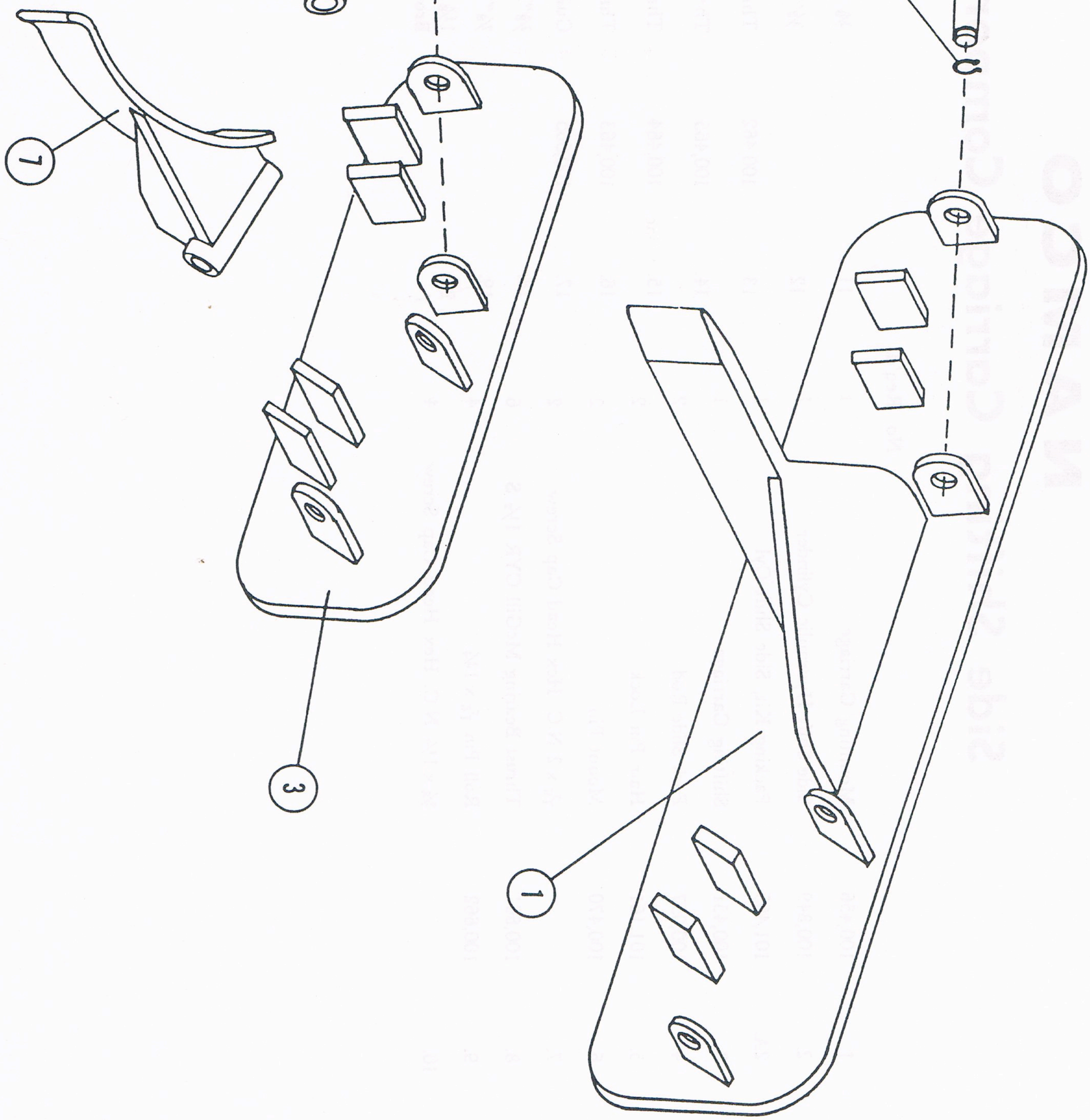
SU G 0667(A)

NAMCO

Barrel Booster

			No. Req'd.
1.	100,366	Twin Barrel Booster Back Plate	1
2.	100,363	Pivot Shaft, Twin	2
3.	100,350	Single Barrel Booster Back Plate	1
4.	100,353	Pivot Shaft, Single	2
5.	101,163	Snap Ring, 1½ Truarc 5100-150	4
6.	100,356	Right Lift Arm	1
7.	100,357	Left Lift Arm	1



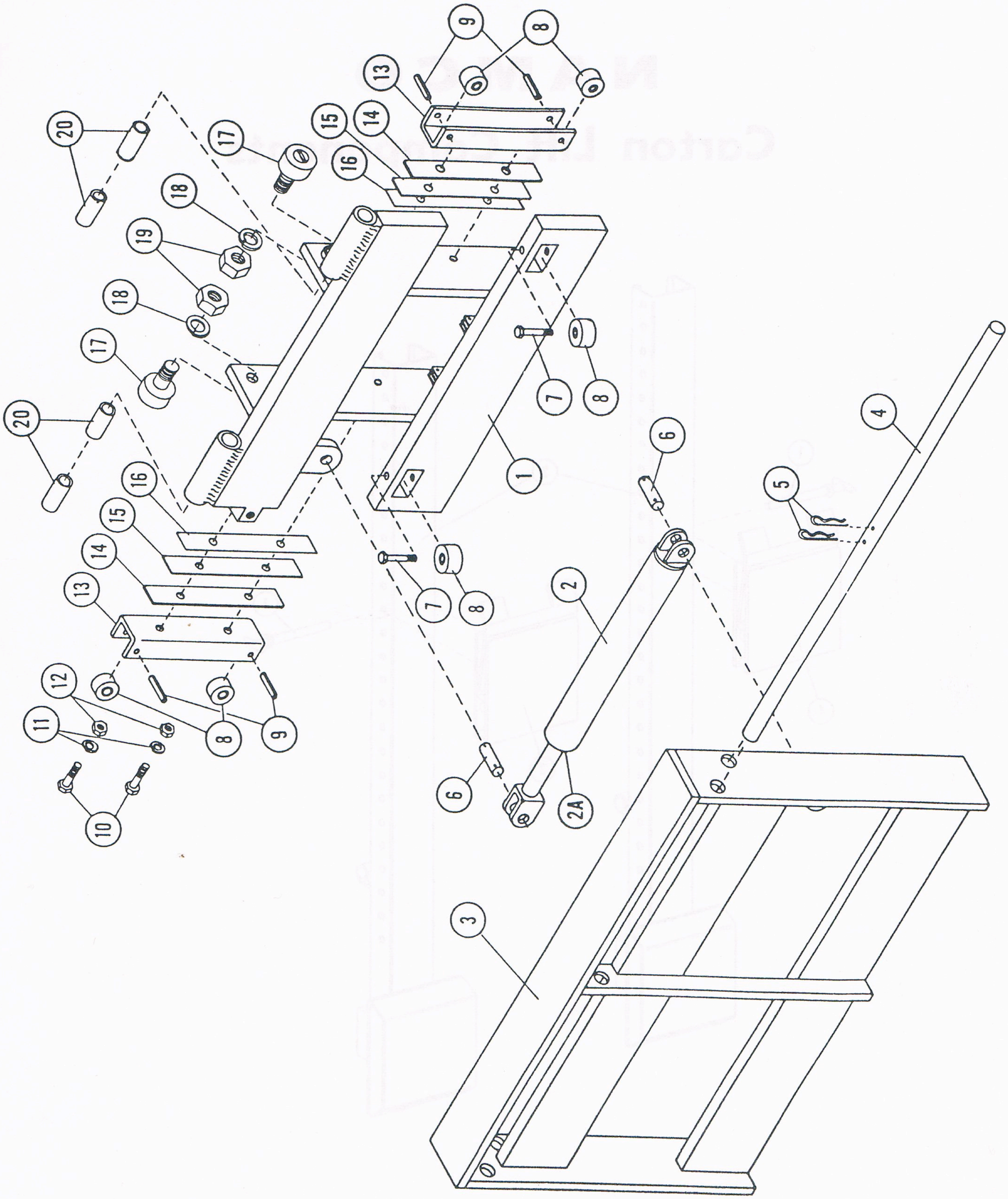
SU G 0667(A)

NAMCO

Side Shifting Carriage Components

SU G 0667(A)

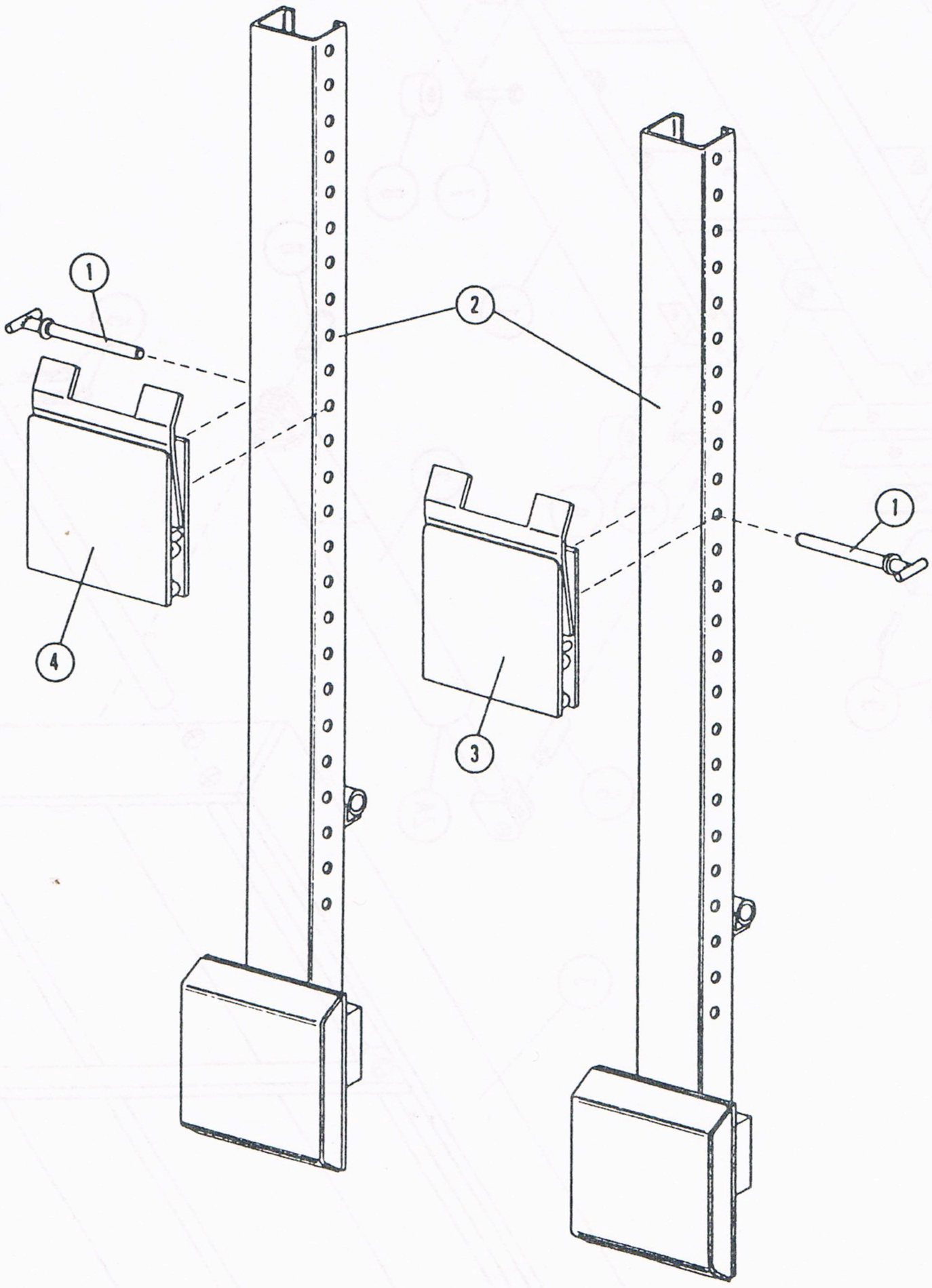
			No. Req'd.
1.	100,456	Mounting Carriage	1
2.	100,849	Side Shift Hydraulic Cylinder	1
2A.	101,465	Packing Kit, Side Shift Cyl.	1
3.	100,451	Shifting Carriage	1
4.	100,057	Fork Slide Rod	2
5.	101,161	Hair Pin Lock	2
6.	100,470	Mount Pin	2
7.		$\frac{7}{16}$ x 2 N.C. Hex Head Cap Screw	2
8.	100,661	Thrust Bearing McGill CYR 1½ S	6
9.	100,662	Roll Pin $\frac{7}{16}$ x 1¾	4
10.		⅜ x 1½ N.C. Hex Head Cap Screw	4
11.		⅜ Lockwasher	4
12.		⅜" N.C. Hex Nut	4
13.	100,462	Thrust Bearing Mount	2
14.	100,465	Thrust Bearing Spacer, Heavy	2
15.	100,464	Thrust Bearing Spacer, Medium	2
16.	100,463	Thrust Bearing Spacer, Light	2
17.	100,565	Guide Bearing	4
18.		⅞" Lockwasher	4
19.		⅞" N.F. Hex Nut	4
20.		1⅛ O.D. x 1" I.D. x 1¾ Bronze Bushing	4


20
17
18
19
18
17
20
16
15
14
13
12
11
8
9
10
9
8
13
15
14
16
7
8
7
8
6
2
2A
1
6
4
5
3

SU G 0667(A)

NAMCO

Carton Lift Components



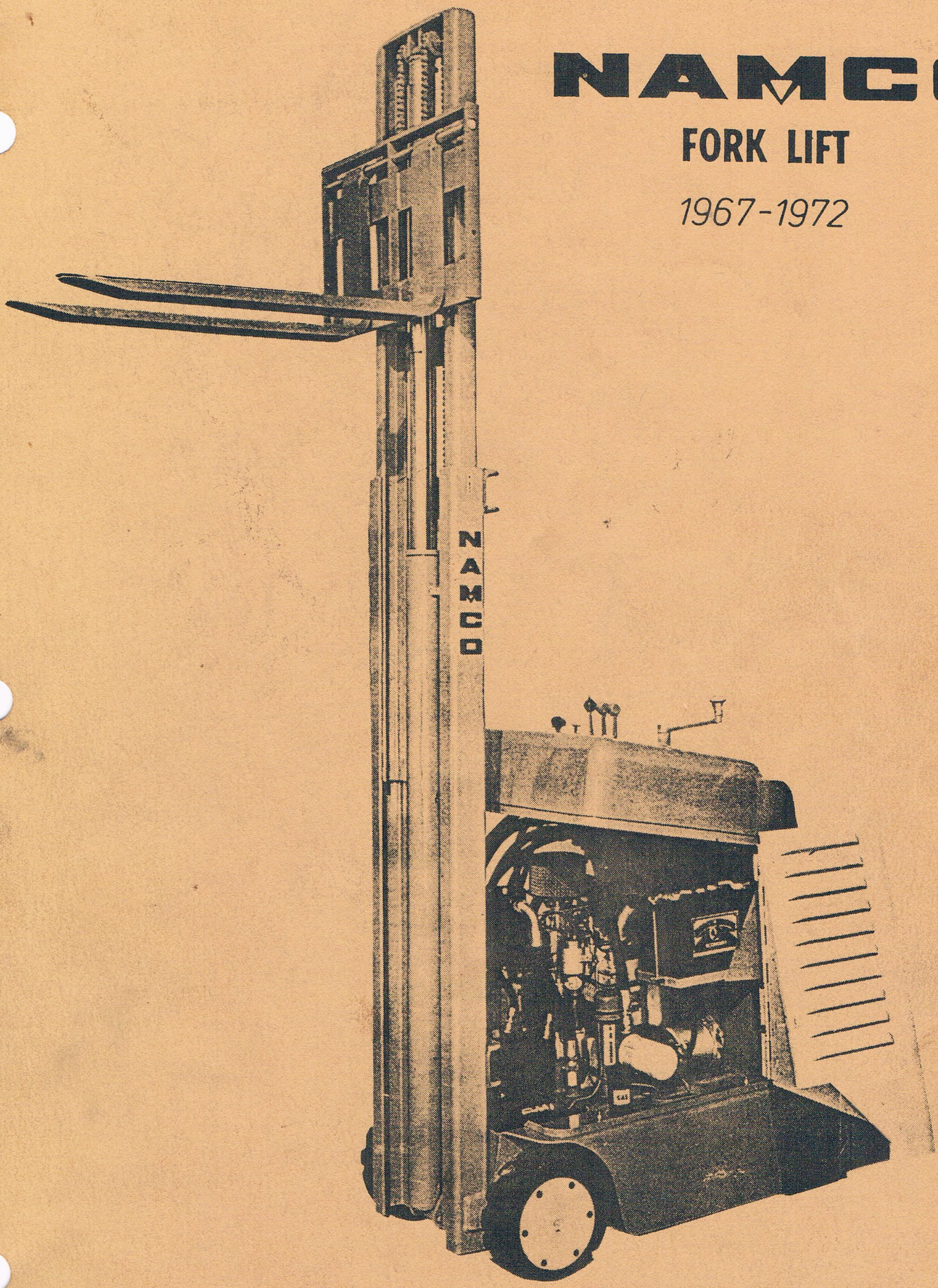
			No. Req'd.
1.	100,392	Mount Pin	2
2.	100,376	Upright Frame	2
3.	100,382	Lift Shoe, Left	1
4.	100,389	Lift Shoe, Right	1

SU G 0667(A)

NAMCO

FORK LIFT

1967-1972

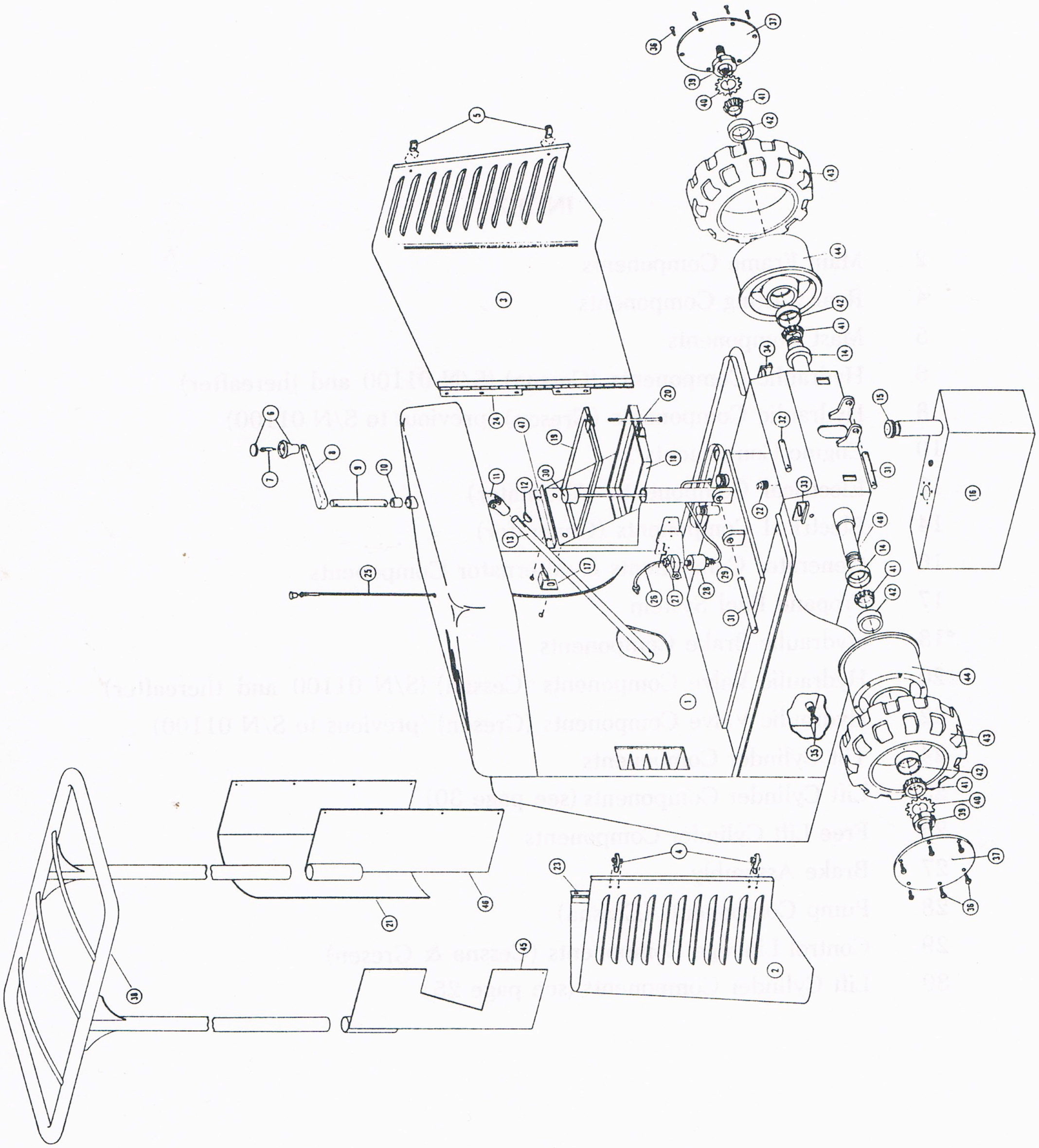


Schaeff Namco

P.O. Box 1917 • Sioux City, IA 51102 • U.S.A.
Phone (712) 944-5111 • Telex 480105 • NAMCO INC. SU

INDEX

2 Main Frame Components
4 Rear Casting Components
5 Mast Components
6 Hydraulic Components (Cessna) (S/N 01100 and thereafter)
8 Hydraulic Components (Gresen) (previous to S/N 01100)
10 Engine Components
12 Electrical Components (Alternator)
14 Electrical Components (Generator)
16 Generator Components & Alternator Components
17 Propane Fuel System
*18 Hydraulic Brake Components
20 Hydraulic Valve Components (Cessna) (S/N 01100 and thereafter)
*22 Hydraulic Valve Components (Gresen) (previous to S/N 01100)
24 Tilt Cylinder Components
25 Lift Cylinder Components (see page 30)
26 Free Lift Cylinder Components
27 Brake Assembly
28 Pump Components (Cessna)
29 Control Linkage Components (Cessna & Gresen)
30 Lift Cylinder Components (see page 25)


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48

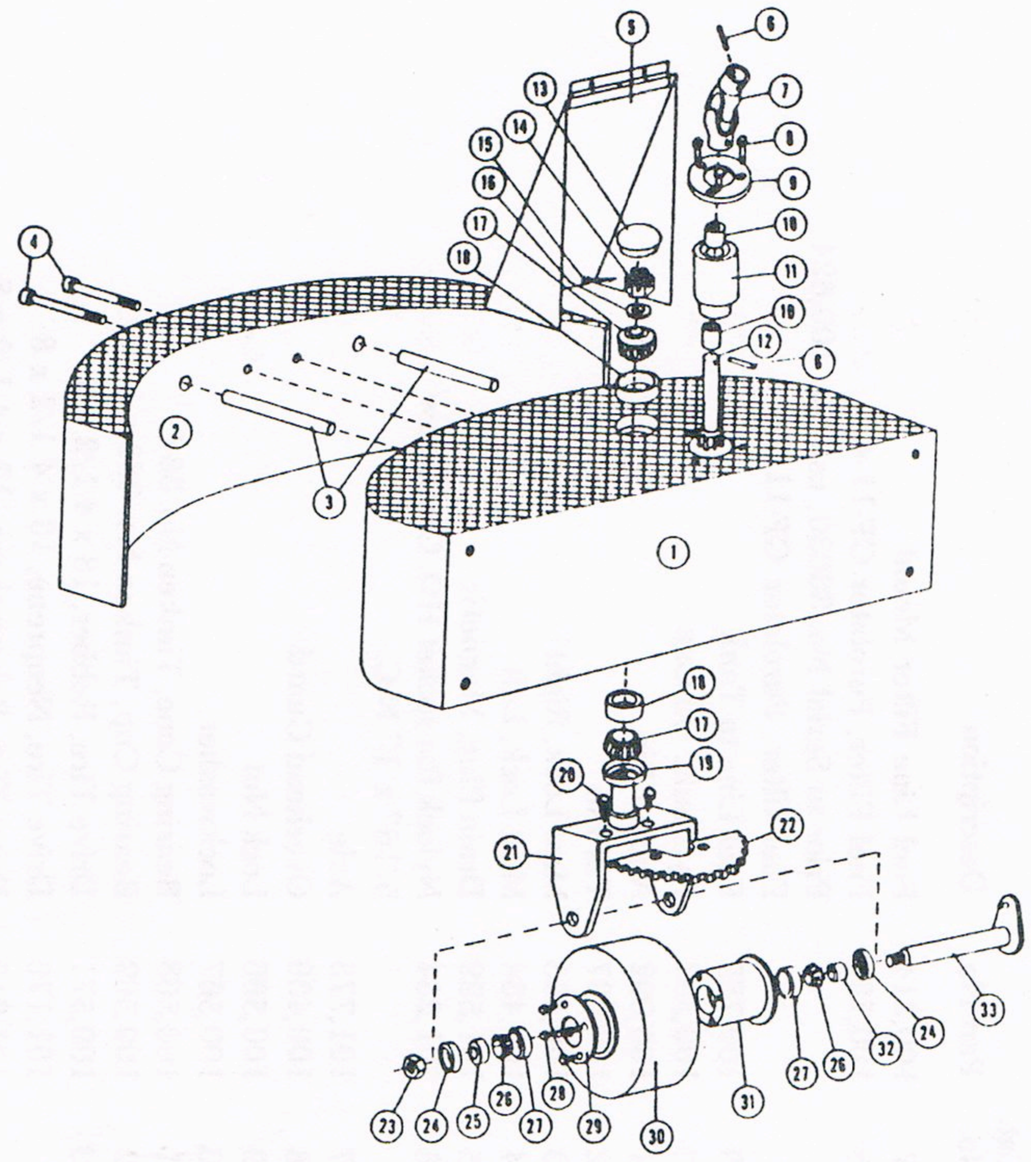
NAMCO

MAIN FRAME COMPONENTS

Cat. No.	Part No.	Description	Quan.
1	100,000	Main Frame	1
2	100,130	Right Hood Side	1
3	100,131	Left Hood Side	1
4	100,632	Hook	2
5	100,633	Strike	2
6	100,626	Steering Knob	1
		Prior to Serial No. 31001 Order No. 101,487	
		steering tiller with the above knob	
7		Socket Head Shoulder Screw 3/8" x 1 1/2"	1
8	101,487	Steering Tiller	1
		Prior to Serial No. 31001 Order No. 100,626	
		Knob with the above steering tiller.	
9	100,114	Upper Steering Shaft	1
10	100,581	Bushing 7/8" I.D. x 1" O.D. x 1" Long	2
11	100,629	Steering U-Joint, Upper	1
12	— —	Woodruff Key, 1/4" x 1"	2
13	100,113	Intermediate Steering Shaft	1
14	100,570	Seal C/R 387W220 — M1	2
15	100,589	Gas Cap	1
16	100,588	Gas Tank	1
17	101,629	Spring Clip	1
18	100,279	Battery Case	1
19	100,710	Battery Hold Down	1
20	— —	Carriage Bolt, 5/16" x 8" N.C.	1
21	100,400	Rear Protection Shield	1
22	— —	Iron Pipe Plug, 1/2"	1
23	100,220	Right Hinge	1
24	100,221	Left Hinge	1
25	100,500	Choke Cable	1
26	100,784	Fuel Line to Engine	1
27	100,214	Fuel Line Filter Mount	1
28	100,780	Fuel Filter, Purolator GF-11-4	1
		Prior to Serial No. 33030, use No. 100,624	
		Fuel filter, Purolator GF-11	
29	100,785	Fuel Line to Tank	1
30	100,587	Hydraulic Oil Cap	1
31	100,092	Anchor Pin	2
32	100,037	Tilt Pin	1
33	100,433	Mast Lock, Right	1
34	100,434	Mast Lock, Left	1
35	101,529	Drain Plug, Magnetic	1
36	101,234	Nylock flat socket HD. Cap Screw 5/16" x 1" N.C.	12
37	101,773	Axle	2
38	100,439	Overhead Guard	1
39	100,566	Lock Nut	2
40	100,567	Lockwasher	2
41	100,568	Bearing Cone, Timken No. 387	4
42	100,569	Bearing Cup, Timken No. 382	4
43	100,571	Drive Tire, Rubber, 13 x 4 1/2 x 8	2
	101,176	Drive Tire, Neoprene, 13 x 4 1/2 x 8	
	101,219	Drive Tire, Polyurethane, 13 x 4 1/2 x 8	
	101,235	Drive Tire, Non-Marking, 13 x 4 1/2 x 8	
	101,236	Drive Tire, Abrasive, 13 x 4 1/2 x 8	
	101,289	Drive Tire, Siped, 13 x 4 1/2 x 8	
44	101,124	Drive Wheel	2
45	100,446	Right Side Plate	1
46	100,445	Left Side Plate	1
47	100,193	Battery Rear Hold Down	1
48	100,074	Axle Housing	2

NAMCO

REAR CASTING COMPONENTS

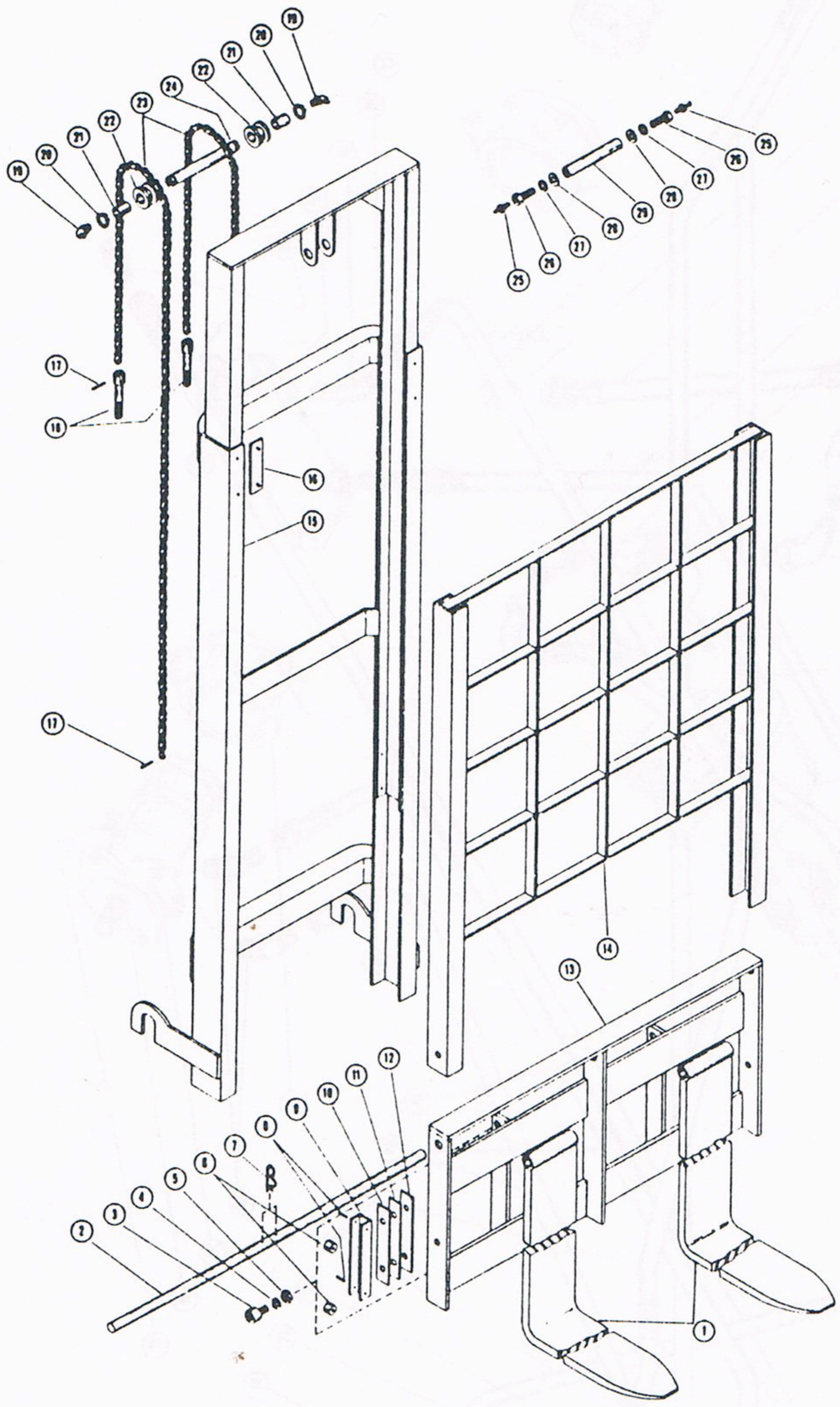


Cat. No.	Part No.	Description	Quan.
1	100,005	Rear Platform	1
2	100,018	Counterweight	1
3	100,401	Counterweight Pin	2
4	101,215	5/8" x 6" H.T. Socket Head Cap Screw	2
5	100,319	Steering Cover	1
		Prior to Serial No. 31001 Use No. 100,119	
6	100,582	1/4" x 1 1/2" Roll Pin	2
7	100,583	Steering U-Joint, Lower	1
8		3/8" x 2 1/2" Hex Head Cap Screw	3
9	100,329	Lock Ring, Pinion	1
		Prior to Serial No. 32017 Use No. 100,112	
10	100,714	Needle Bearing Torrington B-1416	2
		Prior to Serial No. 32017 Use No. 100,581 Bushing 7/8" I.D. x 1" O.D. x 1" Long	
11	100,324	Pinion Take Up Sleeve	1
		Prior to Serial No. 32017 use No. 100,111	
12	100,326	Steering Gear Pinion	1
		Prior to Serial No. 32017 use No. 100,110	
13	100,580	Hub Cap	1
14	100,707	1"-8 N.C. Castellated Nut	1
15		1/8" x 1 1/2" Cotter	1
16	100,145	Washer	1
17	100,557	Bearing Cone Timken No. 14137A	2
18	100,578	Bearing Cup Timken No. 14274	2
19	100,579	Seal C/R 277FF23	1
20		1/2" x 1" N.C. Hex Head Cap Screw	2
21	100,301	Rear Wheel Fork	1
		Prior to Serial No. 32017 use No. 100,101	
22	100,323	Steering Gear	1
		Prior to Serial No. 32017 use No. 100,109	
23	100,707	1"-8 N.C. Castellated Nut	1
		Prior to Serial No. 32017 use 1" N.F. Self Lock Nut	
		Prior to Serial No. 31001 use 100,572 3/4" N.F. Self Lock Nut	
24	100,669	Seal C/R 275-W2-M1	2
		Prior to Serial No. 32017 use 100,668 C/R 225	

Cat. No.	Part No.	Description	Quan.
		HD112	
		Prior to Serial No. 31001 Seal is integral with Bearing	
25	100,308	Clamp Flange Side Spacer	1
		Prior to Serial No. 32017 use No. 100,306	
		Prior to Serial No. 31001 use No. 100,106	
26	100,557	Bearing Cone Timken No. 14137A	2
		Prior to Serial No. 32017 use No. 100,666 Timken No. 15578	
		Prior to Serial No. 31001 use No. 100,574 Timken No. LM11949L	
27	100,578	Bearing Cup Timken No. 14274	2
		Prior to Serial No. 32017 use No. 100,667 Timken No. 15520	
		Prior to Serial No. 31001 use No. 100,575 Timken No. LM11910	
28		5/16" x 1" Hex Head Cap Screw	4
29	100,322	Lock Ring	1
		Prior to Serial No. 32017 use No. 100,108	
30	100,708	Rear Tire 9 x 5 x 5	1
		Prior to Serial No. 32017 use 8 1/2 x 4 x 4 Tire	
		Model 15-15 Use No. 100,576 Rubber	
		Model 20-15 Use No. 100,807 Polyurethane	
	101,175	Neoprene Rear Tire 9 x 5 x 5	
	100,709	Polyurethane Rear Tire 9 x 5 x 5	
31	100,321	Rear Wheel 5"	1
		Prior to Serial No. 32017 use No. 100,320, 4"	
		Prior to Serial No. 31001 use No. 100,120, 4"	
32	100,309	Flange Side Spacer	1
		Prior to Serial No. 32017 use No. 100,307	
		Prior to Serial No. 31001 use No. 100,107	
33	100,313	Rear Axle	1
		Prior to Serial No. 32017 use 1" x 7" HTNF Cap Screw	
		Prior to Serial No. 31001 use 3/4" x 7" HTNF Cap Screw	

NAMCO

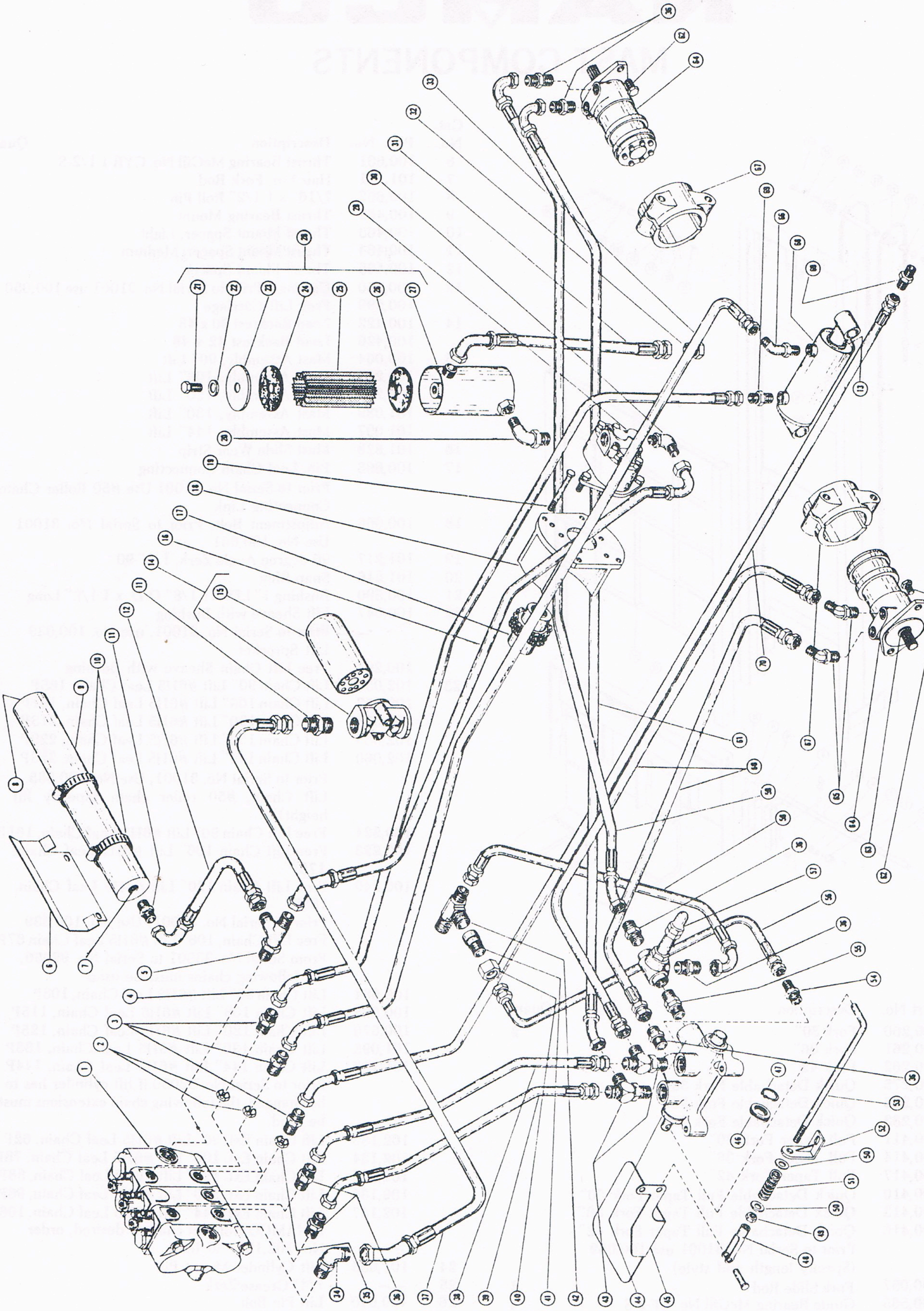
MAST COMPONENTS



Cat. No.	Part No.	Description	Quan.
1	100,260	Fork 30"	2
	100,261	Fork 36"	
	100,262	Fork 42"	
	100,275	Quick Detachable Fork 30"	
	100,278	Quick Detachable Fork 36"	
	100,283	Quick Detachable Fork 42"	
	100,411	Full Taper Fork 30"	
	100,414	Full Taper Fork 36"	
	100,417	Full Taper Fork 42"	
	100,410	Quick Detachable Full Taper Fork 30"	
	100,413	Quick Detachable Full Taper Fork 36"	
	100,416	Quick Detachable Full Taper Fork 42"	
		Prior to Serial No. 31001 use 100,059 (Specify length and style)	
2	100,057	Fork Slide Rod	1
3	100,565	Guide Bearing McGill No. CF-2-S	4
		Prior to Serial No. 31001 Specify McGill No. CF-1 3/4"-S	
4		7/8" Lockwasher	4
		Prior to Serial No. 31001 use 3/4" Lockwasher	
5		7/8" N.F. Hex Nut	4
		Prior to Serial No. 31001 use 3/4" N.F. Hex Nut	
6	100,661	Thrust Bearing McGill No. CYR-1 1/2-S	4
7	101,161	Hair Pin, Fork Rod	2
8	100,662	7/16" x 1 1/2" Roll Pin	4
9	100,462	Thrust Bearing Mount	2
10	100,463	Thrust Mount Spacer, Light	2
11	100,464	Thrust Mount Spacer, Medium	2
12	100,465	Thrust Mount Spacer	2
13	100,250	Carriage, Prior to Serial No. 31001 use 100,050	1
	100,299	Free Lift Carriage	
14	100,422	Load Backrest 30 x 48	1
	100,426	Load Backrest 42 x 48	
*15	100,064	Mast Assembly, 90" Lift	1
	100,264	Mast Assembly, 106" Lift	
	100,263	Mast Assembly, 120" Lift	
	101,089	Mast Assembly, 130" Lift	
	101,097	Mast Assembly, 144" Lift	
16	101,828	Mast Slide Wear Strip	8
17	100,663	Pin, Leaf Chain Connecting	4
		Prior to Serial No. 31001 Use #50 Roller Chain Connecting Link	
18	100,066	Adjustment Bolt, Prior to Serial No. 31001 Use No. 100,061	2
19	101,217	90 degree Angle Zerk, 1/8"-90	2
20	101,216	Snap Ring	2
21	100,590	Bushing 1" I.D. x 1 1/8" O.D. x 1 1/2" Long	2
22	100,047	Lift Sheave with Bushing	2
		Prior to Serial No. 31001, use No. 100,039 Lift Sprocket	
	100,294	Free Lift Chain Sheave with Bushing	
23	102,056	Lift Chain 90" Lift #6H5 Leaf Chain, 165P	2
	102,057	Lift Chain 106" Lift #6H5 Leaf Chain, 191P	2
	102,058	Lift Chain 120" Lift #6H5 Leaf Chain, 213P	
	102,059	Lift Chain 130" Lift #6H5 Leaf Chain, 229P	
	102,060	Lift Chain 144" Lift #6H5 Leaf Chain, 253P	
		Prior to Serial No. 31001, Use No. 100,585 Lift Chain, #50 roller chain (Specify lift height).	
	100,224	Free Lift Chain 90" Lift #6H5 Leaf Chain, 161P	2
	100,223	Free Lift Chain 106" Lift #6H5 Leaf Chain, 175P	
	100,240	Free Lift Chain 120" Lift #6H5 Leaf Chain, 183P	
		Prior to Serial No. 31001, Use No. 100,339 Free Lift Chain, 106" Lift #6H5 Leaf Chain 67P.	
		From Serial No. 33001 to Serial No. 92050, the following chains must be used.	
	100,664	Lift Chain 90" Lift #6H5 Leaf Chain, 103P	2
	100,665	Lift Chain 106" Lift #6H5 Leaf Chain, 115P	
	100,670	Lift Chain 120" Lift #6H5 Leaf Chain, 125P	
	101,095	Lift Chain 130" Lift #6H5 Leaf Chain, 133P	
	101,103	Lift Chain 144" Lift #6H5 Leaf Chain, 144P	
		Prior to Serial No. 92050 if lift cylinder has to be changed, the following chain extensions must be used.	
	102,133	Lift Chain Ext. 90" Lift #6H5 Leaf Chain, 62P	2
	102,134	Lift Chain Ext. 106" Lift #6H5 Leaf Chain, 76P	
	102,135	Lift Chain Ext. 120" Lift #6H5 Leaf Chain, 88P	
	102,136	Lift Chain Ext. 130" Lift #6H5 Leaf Chain, 96P	
	102,137	Lift Chain Ext. 144" Lift #6H5 Leaf Chain, 108P	
		If NAMCO Bulk lift chain is desired, order No. 102,151 (50 feet)	
24	101,055	Lift Cylinder Mount Pin	1
25	--	1/4" Grease Zerk	2
26	100,040	Lift Pin Bolt	2
27	--	1/2" Lockwasher	2
28	--	1/2" Flatwasher	2
29	100,093	Lift Pin	2
	100,094	Free Lift Pin	1

*Mast Available only in matched sets consisting of inner and outer masts and wear strips

SU G 0667(A)



SU G 0667(A)

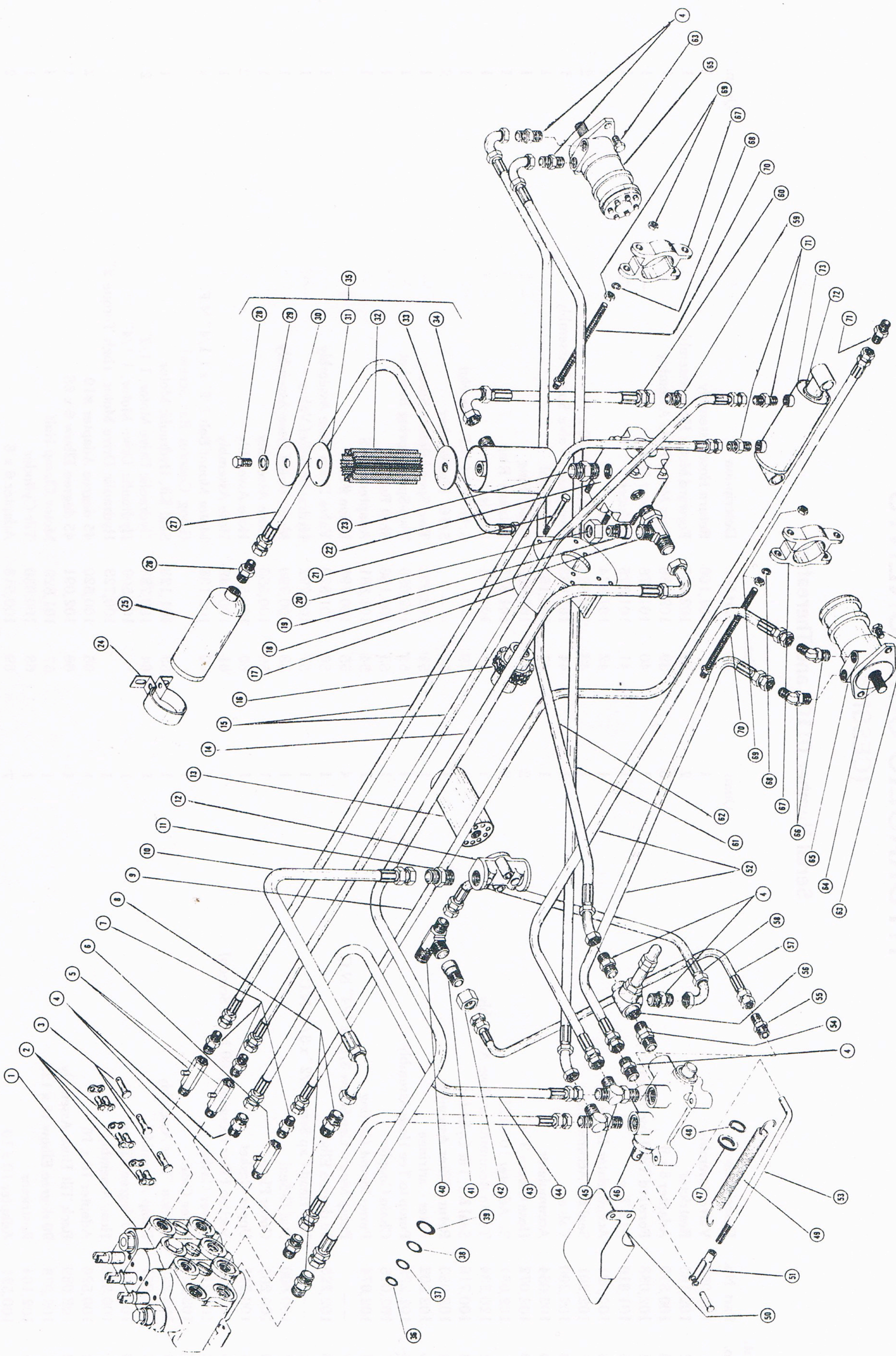
NAMCO

HYDRAULIC COMPONENTS

(CESSNA)

Serial Number 01100 and Thereafter

Cat. No.	Part No.	Description	Quan.
1	102,050	Valve Assembly	1
2	102,163	Restrictor	2
3	100,519	Adapter 8 x 6	3
4	102,088	Forward Tilt Hose Assembly	1
5	101,816	#12 Tee	1
6	102,021	Accumulator Bracket	1
7	102,201	Seal Kit Accumulator	1
8	102,200	Valve	1
9	102,054	Accumulator	1
10	102,072	Hose Clamp 3"-4"	2
11	102,081	St. Adapter 10 x 12S	2
12	120,234	Tee to Accumulator Hose Assembly	1
13	100,716	Seal Kit, Tilt Cylinder	1
14	102,053	Return Filter Assembly	1
15	102,202	Filter Cartridge	1
16	102,222	Pump to Tee Hose Assembly	1
17	102,075	Chain Coupler	1
18	102,074	Pump Mount Casting	1
19	— —	Pump Mount Cap Screw 3/8" x 3/4" N.C.	4
20	102,223	90 degree Elbow	1
21	— —	Hex Head Cap Screw 1/2" x 3/4" N.C.	1
22	100,800	Stat-O-Seal	1
23	100,205	Cover Plate	1
24	100,211	Upper Gasket	1
25	100,751	Suction Filter Element (100 Mesh Screen)	1
26	100,212	Lower Gasket	1
27	102,227	Filter Case	1
28	102,226	Suction Filter Assembly	1
29	102,051	Pump Assembly	1
30	102,224	90 degree Elbow	1
31	100,528	Hose Assembly	1
32	100,526	Adapter 16 x 16	1
33	102,089	Back Tilt Hose Assembly	1
34	102,078	90 degree Elbow 12 x 12S	1
35	102,164	Restrictor	1
36	100,521	Adapter 10 x 10	7
37	102,106	Return Hose Assembly	1
38	102,085	Forward Motor Hose Assembly	1
39	102,086	Rear Motor Hose Assembly	1
40	101,876	Reducer Nut	1
41	101,875	Reducer	1
42	101,874	Tee	1
43	100,522	Tee Adapter 10 x 10	2
44	101,883	Two-Speed Valve Spool Assembly	1
45	100,153	Foot Pedal	1
46	100,902	Quad. Ring	1
47	101,878	Retainer Ring	1
48	100,501	Clevis	1
49	— —	5/16" x 24 N.F. Hex Nut	1
50	— —	5/16" Flat Washer	2
51	102,092	Two-Speed Return Spring	1
52	102,093	Two-Speed Spring Bracket	1
53	100,156	Shift Rod	1
54	101,881	Adapter 6 x 6S	1
55	100,793	Union #10	1
56	101,879	Valve Drain Hose Assembly	1
57	100,792	Hydraulic Relief Valve	1
58	100,790	Motor Relief Hose Assembly	1
59	100,553	Hose Assembly	1
60	100,555	Hose Assembly	2
61	100,549	Hose Assembly	1
62	102,138	Motor Mount Bolt 1/2" x 1 1/4" N.F. (Long Counter Bar Screw)	4
63	101,128	Seal Kit, Hydraulic Motor	1
64	100,788	Hydraulic Drive Motor, 1 1/2"	2
°	100,509	Hydraulic Drive Motor, 1 1/4"	
	100,723	Hydraulic Drive Motor, High Torque 2"	
65	100,520	45 degree Adapter #10	2
66	102,091	45 degree Elbow 6 x 6S	1
67	101,829	Motor Clamp Half	4
68	100,650	Tilt Cylinder	1
69	100,518	Adapter 6 x 6	2
70	102,087	Lift Hose Assembly	1


4
63
65
69
67
68
70
60
59
71
73
72
71
35
28
29
30
31
32
33
34
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
62
61
52
4
58
57
56
55
54
4
70
69
68
67
66
65
64
63
48
47
53
49
51
50
40
41
42
43
44
45
46
39
38
37
36

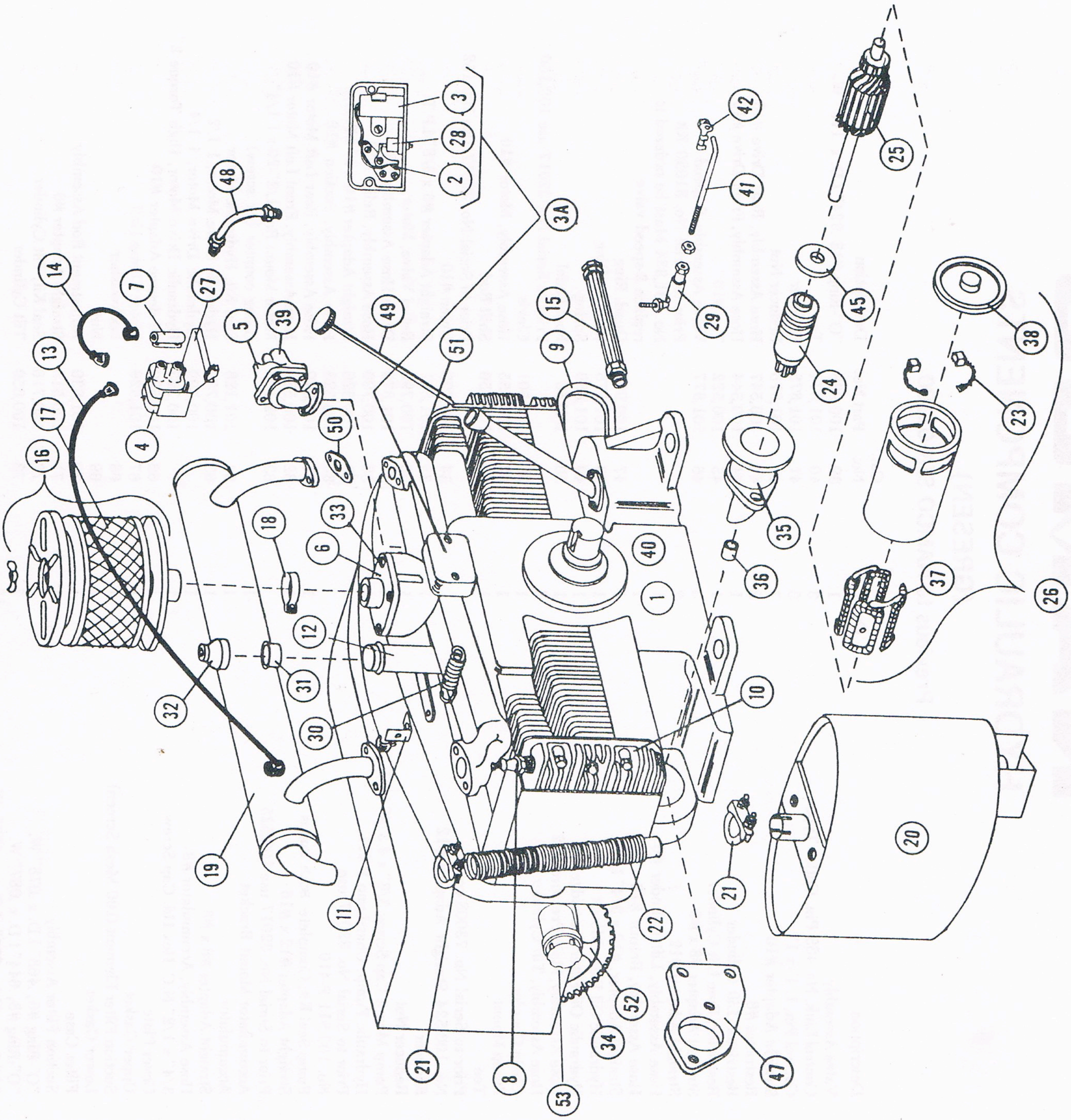
NAMCO

HYDRAULIC COMPONENTS

(GRESEN)

Previous to NAMCO S/N 01100

Cat. No.	Part No.	Description	Quan.
1	100,504	Valve Assembly	1
2	101,213	Control Link, No. 435 Pin, Cotter Type	3
3	101,214	Control Pin, 1/4" x 1"	3
4	100,521	Straight Adapter #10	7
5	100,527	Restrictor #8	2
6	100,776	Restrictor, Lift Cylinder	1
	101,014	Restrictor, Free Lift Cylinder	1
7	100,519	Straight Adapter #8 x #6	3
8	100,524	Straight Adapter #12	2
9	100,542	Hose Assembly, Lift Cylinder #6	1
10	100,536	Hose Assembly, Return #12	1
11	100,523	Straight Adapter, #12 x 3/4" I.P.T.	1
12	100,513	Hydraulic Oil Filter Mount	1
13	100,514	Hydraulic Oil Filter Cartridge	1
14	100,532	Hose Assembly, Main Pressure #12	1
15	100,539	Hose Assembly, Tilt Cylinder #6	2
16	100,517	Chain Coupler	1
17	100,125	Pump Mount	1
18	101,816	Tee Prior to Serial No. 73008 order No. 100,524 Straight Adapter #12	1
19	101,814	Reducer	1
20	101,815	Reducer Nut	1
21		Pump Mount Cap Screw 3/8" x 4 3/4" N.C.	4
22	100,786	Hydraulic Pump, Char-Lynn P-411 Prior to Serial No. 32017 use No. 100,511 P-410	1
	101,166	Pump Seal Kit, Complete Both Pumps	1
23	100,746	Straight Adapter #12 x #16 Prior to Serial No. 32017 use 100,525	1
24	101,779	Accumulator Mount Bracket	1
25	101,768	Accumulator	1
26	100,868	Straight Adapter #8 x #8	1
27	101,769	Hose Assembly, Accumulator #8	1
28		3/4" x 1/2" N.C. Hex Hd. Cap Screw	1
29	100,205	Cover Plate	1
31	100,211	Upper Gasket	1
32	100,571	Suction Filter Element (100 Mesh Screen)	1
33	100,212	Lower Gasket	1
34	100,209	Filter Case	1
35	100,213	Suction Filter Assembly	1
36	100,936	"O"-Ring #6, .468" I.D. x .078" W.	3
37	101,151	"O"-Ring #8, .644" I.D. x .087" W.	7
38	100,937	"O"-Ring #10, .755" I.D. x .097" W.	13
39	100,938	"O"-Ring #12 .924" I.D. x .116" W.	4
40	101,874	Tee	1
41	101,875	Reducer	1
42	101,876	Reducer Nut	1
43	100,547	Hose Assembly, Rear Drive #10	1
44	100,544	Hose Assembly, Front Drive #10	1
45	100,522	Tee #10	2
46	101,877	Valve Assembly, 2-speed Prior to Serial No. 81080 Kit No. 101,884 Must be ordered to replace 2-speed valve	1
47	100,902	Quad. Ring	4
48	101,878	Retainer Ring	2
49	101,889	Spring	1
50	100,153	Foot Pedal Prior to Serial No. 32017 use 100,150	1
51	100,501	Clevis	1
52	100,555	Hose Assembly, Motor #10	2
53	100,156	Shift Rod Prior to Serial No. 32017 Use 100,152	1
54	100,793	Union #10	1
55	101,881	Straight Adapter #6 x 3/8" I.P.T.	1
56	100,792	Relief Valve, Motor	1
57	101,879	Drain Hose Assembly #6	1
58	100,790	Hose Assembly, Relief #10	1
59	100,526	Straight Adapter #16 x 1" I.P.T.	1
60	100,528	Hose Assembly, Suction #16	1
61	100,549	Hose Assembly, Rear Left Motor #10	1
62	100,553	Hose Assembly, Front Left Motor #10	1
63	102,138	Motor Mount Bolt 1/2"-20 x 1 1/4" (Long counter bar screw)	4
64	101,128	Seal Kit, Hydraulic Motor	1
65	100,788	Hydraulic Drive Motor, 1 1/2	2
	100,509	Hydraulic Drive Motor, 1 1/4	
	100,723	Hydraulic Drive Motor, High Torque 2"	
66	100,520	45 degree Adapter #10	2
67	101,829	Motor Clamp Half	4
68		Lockwasher	4
69		Nut	8
70	101,830	Adjustment Rod Assembly	4
71	100,518	Straight Adapter #6	3
72	100,716	Seal Kit, Tilt Cylinder	1
73	100,650	Tilt Cylinder	1

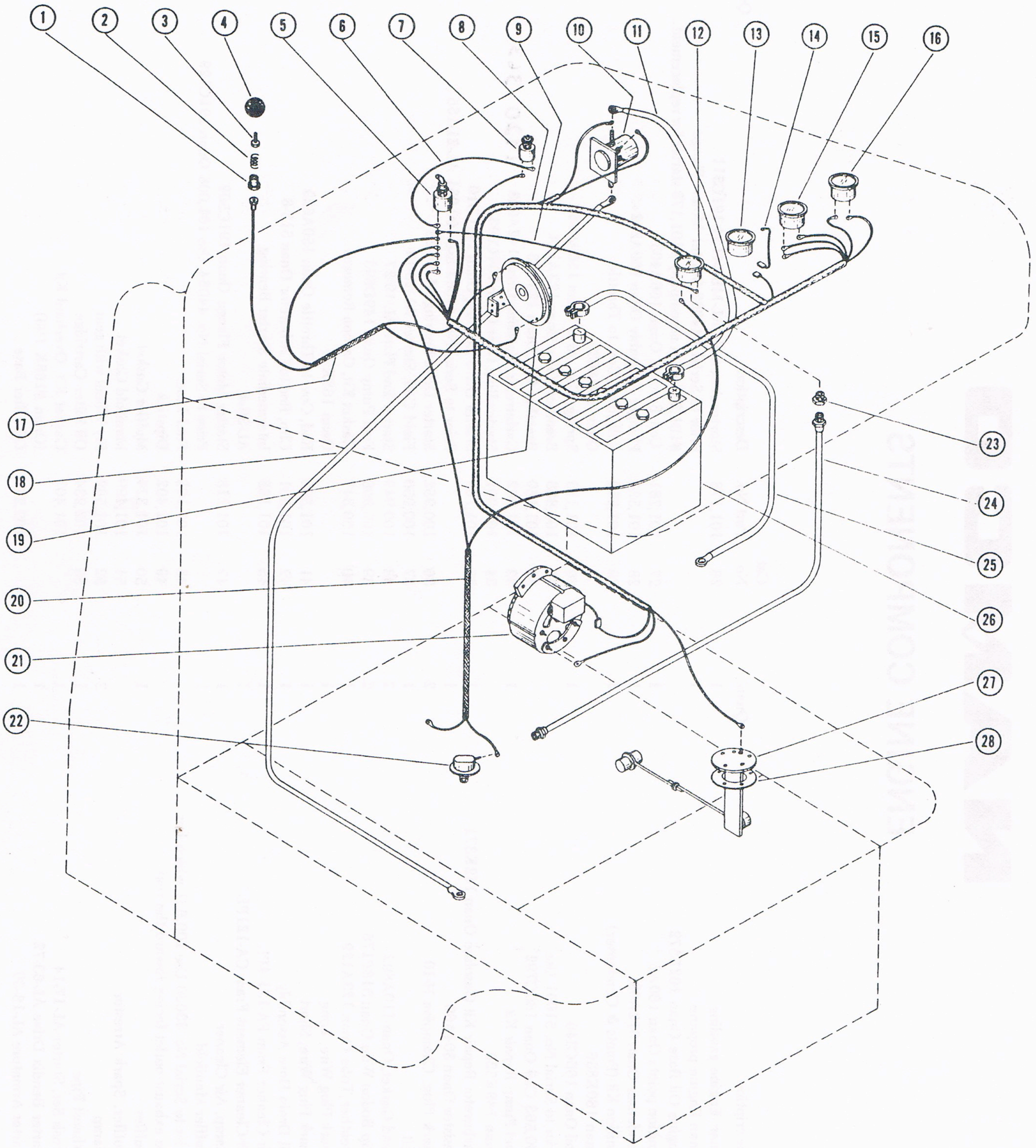

48
14
7
27
13
5
39
49
51
15
9
42
41
25
3A
3
28
2
29
45
24
38
23
17
16
4
50
18
33
6
12
31
32
30
10
40
1
35
36
37
26
19
11
21
22
20
21
52
34
8
53
47

NAMCO

ENGINE COMPONENTS

SU G 0667(A)

Cat. No.	Part No.	Description	Quan.
1	100,560	Onan Engine gasoline	1
	100,768	Onan Engine propane	1
	101,321	Engine Oil Base Onan 102B572	
2	100,561	Ignition points Onan 160A2	1
3	100,562	Condenser Onan 312A69	1
3A	100,846	Ignition Kit (Points & Condenser) Onan 160K836	1
4	101,165	Coil Onan 166C346 Prior to Serial No. 51001 Use 100,563 Coil Onan 160C792	1
5	100,564	Fuel Pump Repair Kit Onan 149K526	1
6	100,718	Carburetor Repair Kit Gasoline Onan 142K371	1
7	100,719	Resistor Onan 304A60	1
8	100,720	Spark Plug, Champion H-10	2
9	101,554	Belt	1
10	100,772	Head Gasket, Onan 110A892	2
11	100,713	Clip Boden Wire Onan 518P176	2
12	101,620	Breather Tube Onan 123A129	1
13	101,173	Spark Plug Wire, Long	1
14	101,174	Spark Plug Wire, Short	1
15	100,883	Oil Drain Hose Assembly	1
16	100,779	Air Cleaner Fram FA-121-4PL	1
17	100,805	Air Cleaner Element Fram CA-121PL	1
18	100,797	Clamp, Air Cleaner	1
19	100,804	Muffler Manifold Prior to Serial No. 33030 Use 100,651 which has the exhaust outlet facing toward the rear	1
20	100,403	Muffler	1
	100,799	Muffler, Spark Arrestor	
21	100,798	Clamp	2
22	100,407	Exhaust Pipe	1
23	100,810	Brush Set, Starter AL-17-14	1
24	100,811	Starter Bendix Drive AL-63-72	1
25	100,812	Starter Armature AL-16-39	1
26	101,178	Starter Assembly AL-MBG4134 191C511 Prior to Serial #44083 Starter Mount Flange #101,218 must accompany #101,178 starter for replacement.	1
27	101,781	Coil Bracket Onan 166A403	1
28	101,520	Plunger Assembly Onan 160A262	1
29	101,559	Ball Joint, Gov. to Throttle Onan 150A639	1
30	101,113	Spring, Gov. Arm Onan 150A698	1
31	100,838	Breather Valve Onan 123A124	1
32	101,150	Breather Cap Onan 123A73	1
33	101,002	Carburetor, Gasoline Onan 142A363 1420-363	1
34	101,001	Starter Ring Gear Onan 134C693	1
35	101,169	Starter Drive Housing Onan 191C510 Prior to Serial No. 44083 use 100,951 AL-21-135	1
36	100,952	Starter Drive Bearing AL-24-23	1
37	100,950	Field Coil, Starter AL-20-14	1
38	100,949	Starter End Plate AL-19-27	1
39	100,900	Fuel Pump Onan 149D693	1
40	100,847	Gasket Kit, Carbon Removal Onan 168K95	1
41	101,560	Rod, Gov. to Throttle Onan 150A629	1
42	101,561	Clip, Rod to Carburetor Onan 518-6	1
45	101,168	Intermediate Starter Bearing AL-36-4	1
47	101,218	Starter Motor Flange Onan 191C508 Prior to Serial No. 44084 Use 101,008 Onan 191C129	
48	101,108	Fuel Line	
49	101,402	Dipstick	1
50	101,324	Muffler Gasket	1
51	101,499	Manifold Gasket	1
52	101,562	Fly Wheel with gear	1
53	102,234	Oil Filter Cartridge	1
	101,407	Gasket Kit, Overhaul Kit (Onan #168K 103)	1
	102,243	Oil Filter Base	1


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

NAMCO

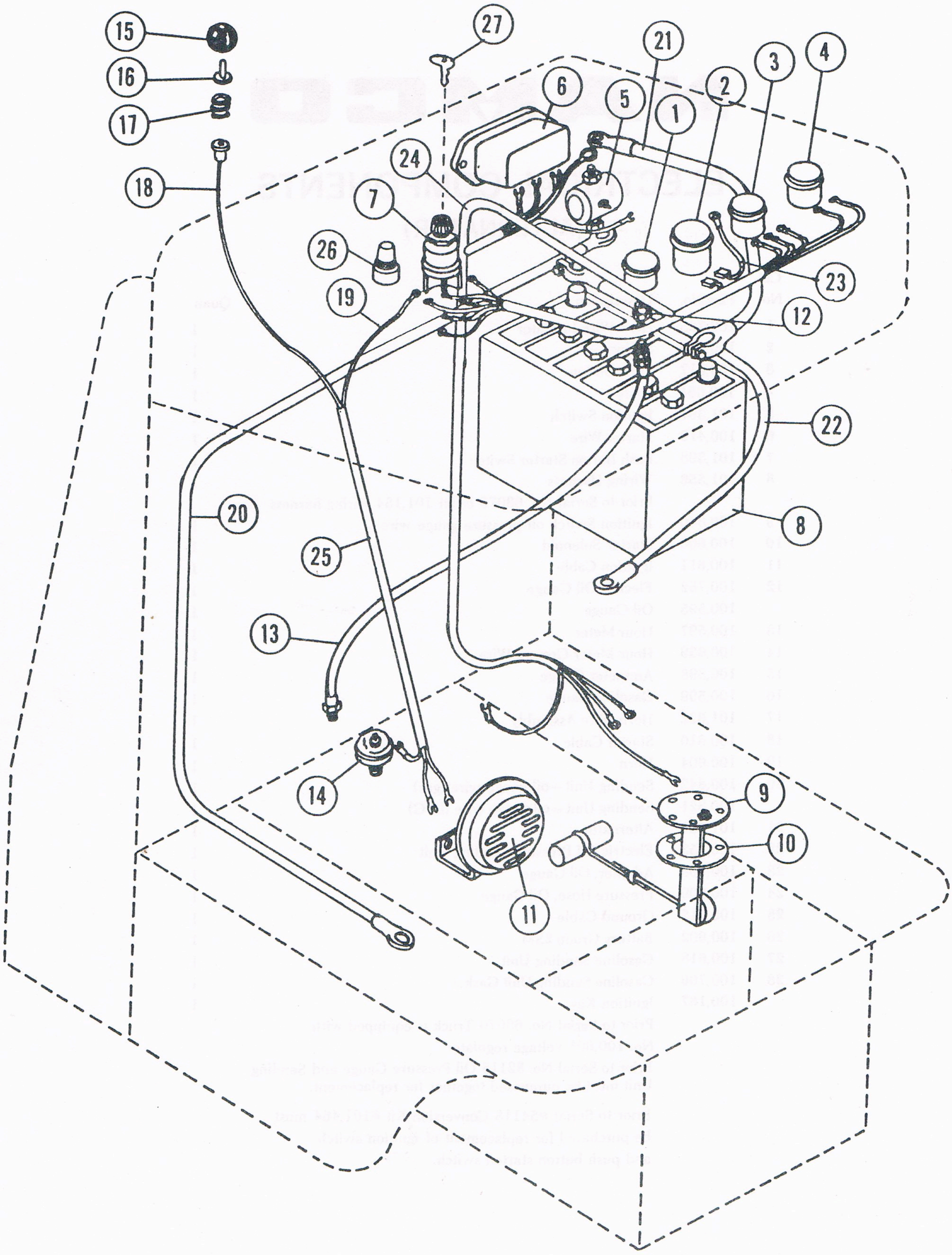
ELECTRICAL COMPONENTS
(ALTERNATOR)

Cat. No.	Part No.	Description	Quan.
1	100,725	Horn Wire Insulator	1
2	100,616	Spring	1
3	100,617	Push Button	1
4	100,631	Knob	1
5	101,397	Ignition Switch	1
6	100,419	Starter Wire	1
7	101,398	Push Button Starter Switch	1
8	101,556	Wiring Harness	1
		Prior to Serial No. 63070 order 101,154 wiring harness	
9	100,840	Ignition Switch oil pressure gauge wire	1
10	100,600	Starter Solenoid	1
11	100,611	Ignition Cable	1
12	100,752	Electric Oil Gauge	1
	100,595	Oil Gauge	1
13	100,597	Hour Meter	1
14	100,639	Hour Meter Ground Wire	1
15	100,598	Ammeter Gauge	1
16	100,599	Gasoline Gauge	1
17	101,622	Horn Wire Assembly	1
18	100,610	Starter Cable	1
19	100,604	Horn	1
20	100,842	Sending Unit—oil gauge wire (gas)	1
	100,821	Sending Unit—oil gauge wire (LPG)	1
21	101,551	Alternator	1
22	100,753	Electric Oil Pressure Sending Unit	1
23	100,608	Adapter, Oil Gauge	1
24	100,609	Pressure Hose, Oil Gauge	1
25	100,612	Ground Cable	1
26	100,602	Battery Group 2SM	1
27	100,618	Gasoline Sending Unit	1
28	100,706	Gasoline Sending Unit Gasket	1
	100,167	Ignition Key	1

Prior to Serial No. 63070 Truck is equipped with No. 100,601 voltage regulator.

Prior to Serial No. 82118 Oil Pressure Gauge and Sending Unit must be purchased together for replacement.

Prior to Serial #54115 Conversion Kit #101,464 must be purchased for replacement of ignition switch and push button started switch.


15
16
17
18
27
21
3
4
6
5
1
2
24
7
26
19
23
12
22
20
8
25
13
14
9
10
11

NAMCO

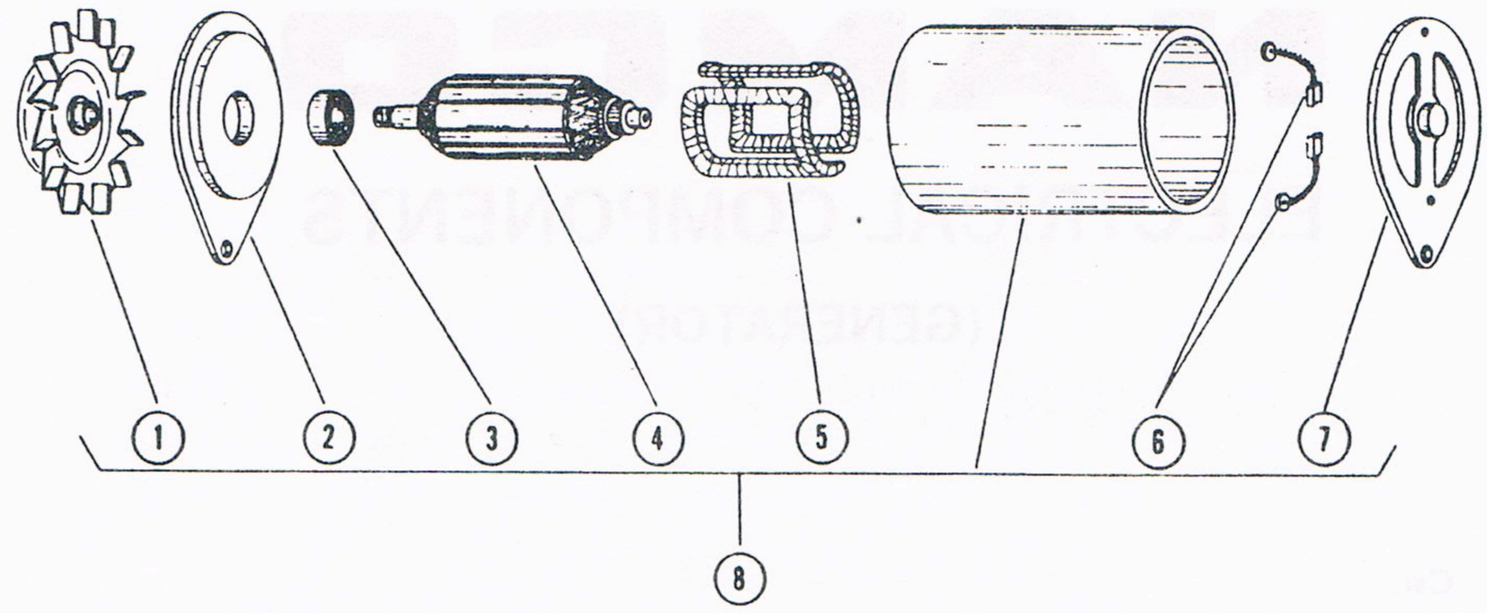
ELECTRICAL COMPONENTS

(GENERATOR)

Cat. No.	Part No.	Description	Quan.
1	100,595	Oil Gauge	1
	100,752	Electric Oil Gauge	
2	100,597	Hour Meter	1
3	100,598	Ammeter Gauge	1
4	100,599	Gasoline Gauge	1
5	100,600	Starter Solenoid	1
6	100,601	Voltage Regulator	1
7	101,464	Ignition Switch Conversion Kit	1
	101,397	Ignition Switch, 2 Position Off-On	1
8	100,602	Battery, Group 2 SM	1
9	100,618	Gasoline Sending Unit	1
10	100,706	Gasoline Sending Unit Gasket	1
11	100,604	Horn	1
12	100,608	Adapter, Oil Gauge	1
13	100,609	Pressure Hose, Oil Gauge	1
14	100,753	Electric Oil Pressure Sending Unit	1
15	100,631	Knob	
16	100,617	Push Button	1
17	100,616	Spring	1
18	100,615	Ground Wire	1
19	100,614	Horn Wire	1
20	100,610	Starter Cable	1
21	100,611	Battery Cable	1
22	100,612	Ground Cable	1
23	100,639	Hour Meter Ground Wire	1
24	101,154	Wiring Harness	1
25	100,842	Ignition Wiring Harness, (Gas)	1
	100,821	Ignition Wiring Harness, (LPG)	
26	101,398	Starter Button Switch	1
27	101,167	Ignition Key	1

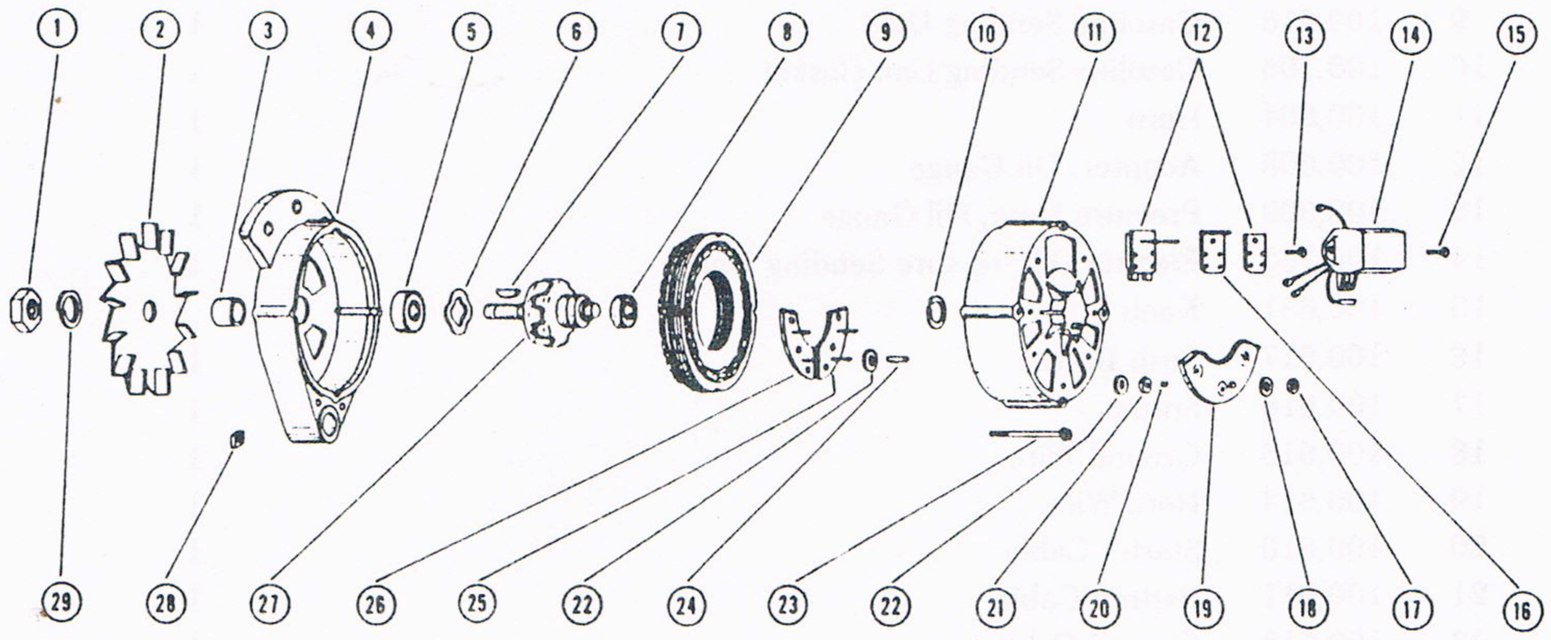
NAMCO

GENERATOR COMPONENTS



Cat. No.	Part No.	Description	Quan.
1	100,943	Pulley and Fan DR1911978	1
2	100,942	Generator Drive End Plate DR1871693	1
3	100,945	Generator Drive End Bearing ND3203S1446	1
4	100,815	Generator Armature DR1928952	1
5	100,941	Generator Field Coil (Pair) DR1927700	1
6	100,816	Generator Brush Set DR1923295	2
7	100,940	Generator End Plate DR1951512	1
8	100,939	Generator Assembly DR1100426	1

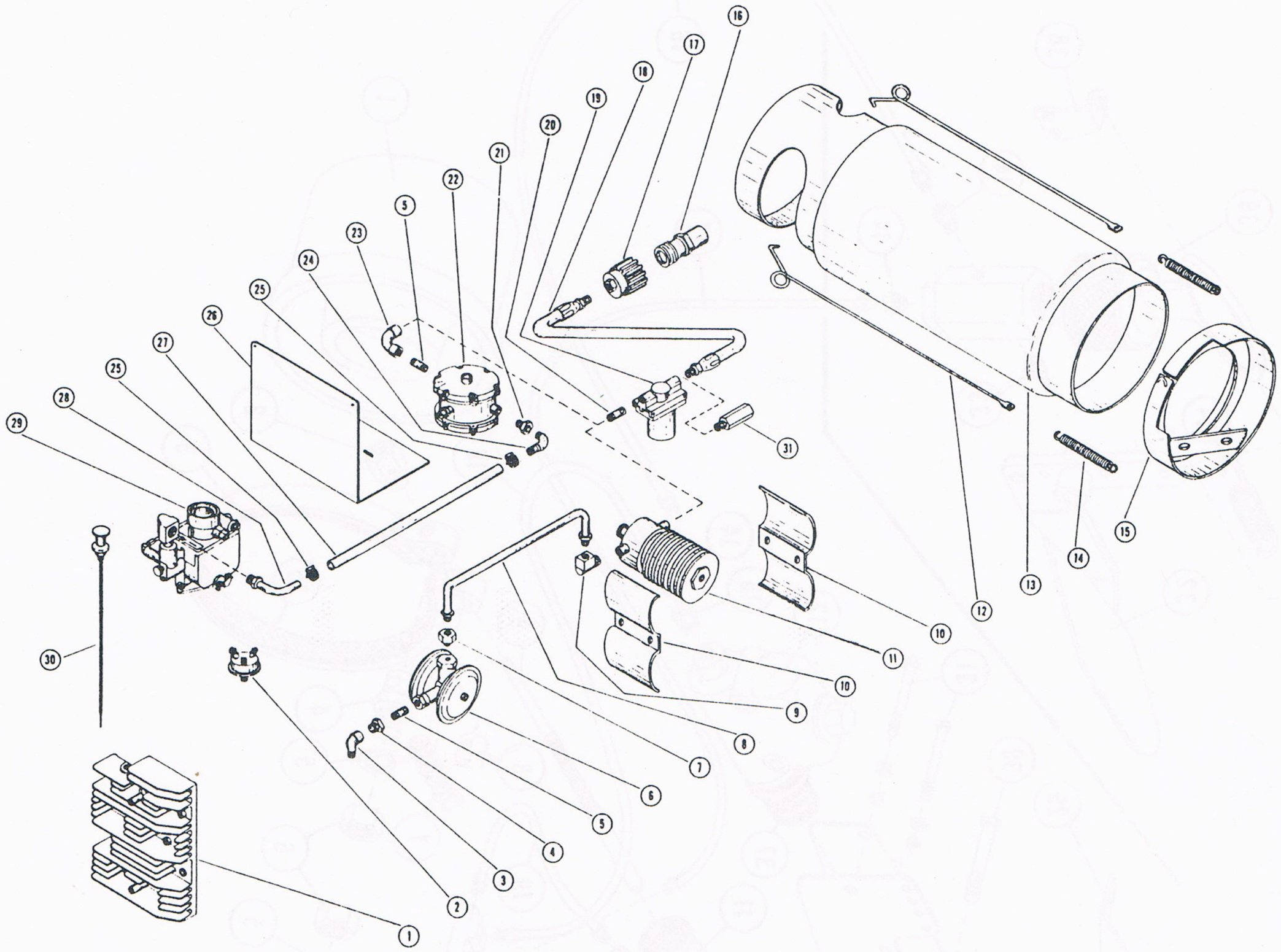
ALTERNATOR COMPONENTS



Cat. No.	Part No.	Description	Quan.
1	101,710	Nut, Pulley Mounting #5/8-18 x 15/16 (Motorola 20-4)	1
2	101,712	Fan, Normal Rotation (Clockwise) (Motorola 7-8)	1
3	101,713	Spacer, Fan & Pulley 7/16" (Motorola 20-6)	1
4	101,715	Housing, Front (Motorola 14-1)	1
5	101,716	Bearing (#203) Sealed (Motorola 11-1)	1
6	101,717	Retainer, Front Bearing (Motorola 11-3)	1
7	101,718	Woodruff Key #5 (Motorola 20-7)	1
8	101,720	Bearing (#200) Sealed (Motorola 11-2)	1
9	101,721	Stator Assembly (35 Amp, 12 volt) (Motorola 13-1)	1
10	101,726	Retainer, Rear Bearing (Motorola 11-4)	1
11	101,727	Housing, Rear (Motorola 14-18)	1
12	101,728	Brush Assembly & Cover (Motorola 3-1)	1
13	101,729	Screw, Self Tapping #8 x 1/2" (Motorola 20-32)	2
14	101,553	Regulator, Model R3-1 (Motorola 5-43)	1
15	101,730	Screw, Self Tapping #10-24 x 1/2 (Motorola 20-99)	3
16	101,737	Shield, Brush Assembly (Motorola 3-13)	1
17	101,731	Locknut, Hex #10-24 x 3/8" (Motorola 20-33)	6
18	101,732	Washer, Insulating 13/64" x 1/2" (Motorola 15-4)	1
19	101,733	Diode Assembly, Isolation, Single (Motorola 1-29)	1
20	101,734	Insulator Sleeve 3/32" Long (Motorola 15-2)	1
21	101,735	Nut, Hex, #10-24 x 3/8" (Motorola 20-34)	2
22	101,724	Washer, Insulating, 13/16 x 3/4" (Motorola 15-3)	5
23	101,736	Bolt, Machine #10-32 x 2 55/64" (Motorola 20-1)	4
24	101,725	Insulator Sleeve, 19/32" Long (Motorola 15-1)	2
25	101,722	Diode Assembly, Rectifying, Negative (Motorola 1-2)	1
26	101,723	Diode Assembly, Rectifying, Positive (Motorola 1-1)	1
27	101,719	Rotor Assembly (35 amp, 12 volt) (Motorola 12-1)	1
28	101,714	Nut, Square #10-32 (Motorola 20-3)	4
29	101,711	Washer, Split Lock, 5/8" (Motorola 20-5)	1

NAMCO

PROPANE FUEL SYSTEM



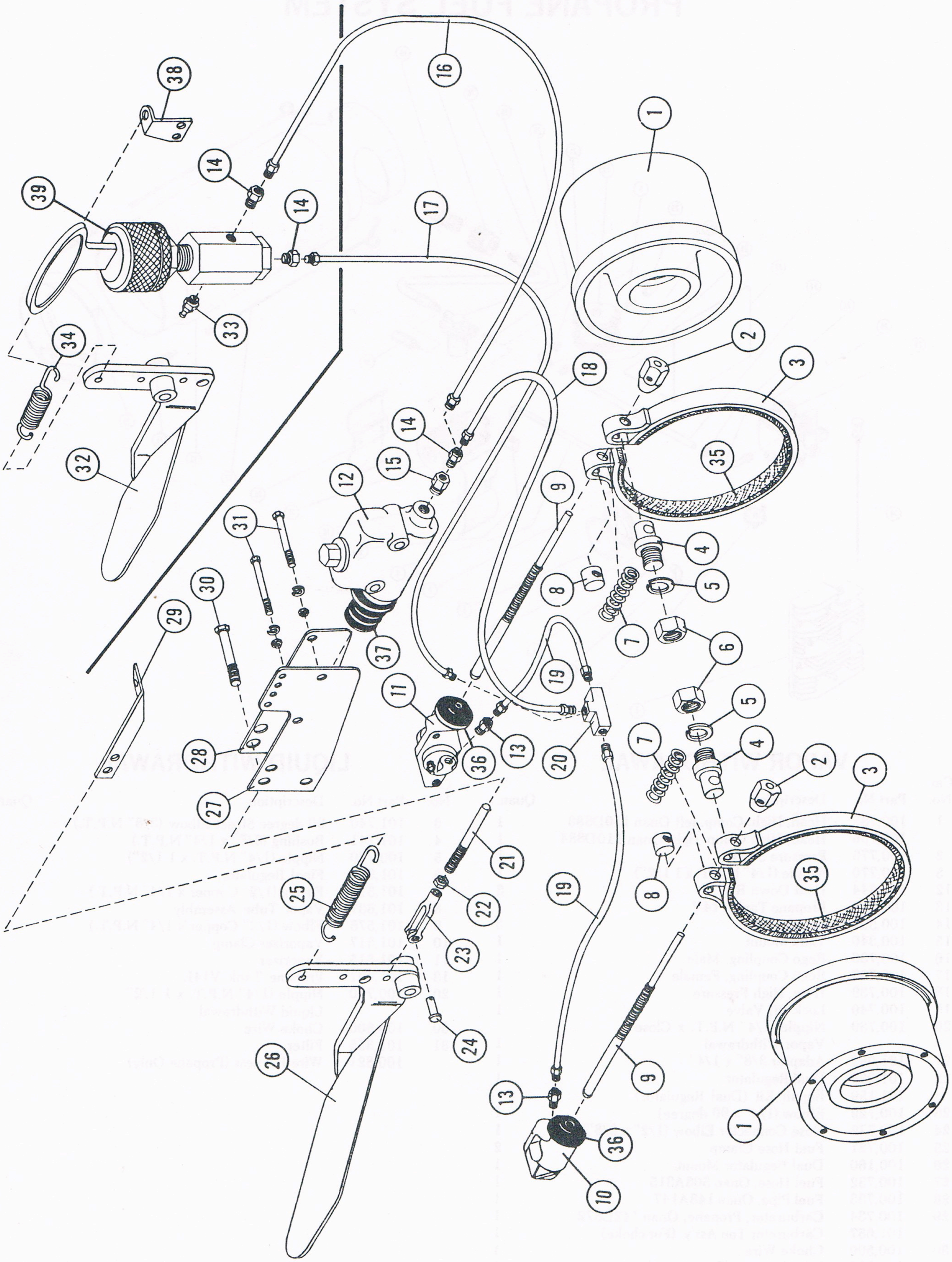
VAPOR WITHDRAWAL

Cat. No.	Part No.	Description	Quan.
1	100,735	Head, High. Comp. left Onan 110D883	1
	100,736	Head, High Comp. right Onan 110D884	1
2	100,773	Pressure Switch	1
5	100,770	Nipple (1/4" N.P.T. x 1 1/2")	1
12	100,344	Hold Down Rod	3
13	100,745	Propane Tank V14V	1
14	100,594	Spring	3
15	100,340	Tank Mount	1
16	100,738	Rego Coupling, Male	1
17	100,737	Rego Coupling, Female	1
18	100,739	Hose, High Pressure	1
19	100,740	Lock Off Valve	1
20	100,739	Nipple (1/4" N.P.T. x Close Vapor Withdrawal	1
21	101,082	Adapter 3/8" x 1/4"	1
22	101,081	Dual Regulator	1
	101,159	Repair Kit (Dual Regulator)	
23	100,729	Elbow (1/4" x 90 degree)	1
24	100,772	Hose Connector Elbow (1/2" x 3/8")	1
25	100,731	Fuel Hose Clamp	2
26	100,160	Dual Regulator Mount	1
27	100,732	Fuel Hose, Onan 503A315	1
28	100,733	Fuel Pipe, Onan 148A147	1
29	100,734	Carburetor, Propane, Onan 142C372	1
	101,657	Carburetor Top Ass'y. (For choke)	1
30	100,500	Choke Wire	1
	100,821	Wire Harness (Propane only)	1

LIQUID WITHDRAWAL

Cat. No.	Part No.	Description	Quan.
3	101,740	90 degree Street Elbow (3/8" N.P.T.)	1
4	101,741	Bushing (3/8" x 1/4" N.P.T.)	1
5	100,770	Nipple (1/4" N.P.T. x 1 1/2")	1
6	101,516	Final Regulator	1
7	101,577	Fitting (1/2" Copper x 1/4" N.P.T.)	1
8	101,637	Vapor Tube Assembly	
9	101,578	Elbow (1/2" Copper x 1/4" N.P.T.)	1
10	101,517	Vaporizer Clamp	2
11	101,515	Vaporizer	1
13	101,497	Propane Tank V14L	
20	100,700	Nipple (1/4" N.P.T. x 1 1/2") Liquid Withdrawal	1
30	100,500	Choke Wire	1
31	101,855	Filter	1
	100,821	Wire Harness (Propane Only)	1

SU G 0667(A)

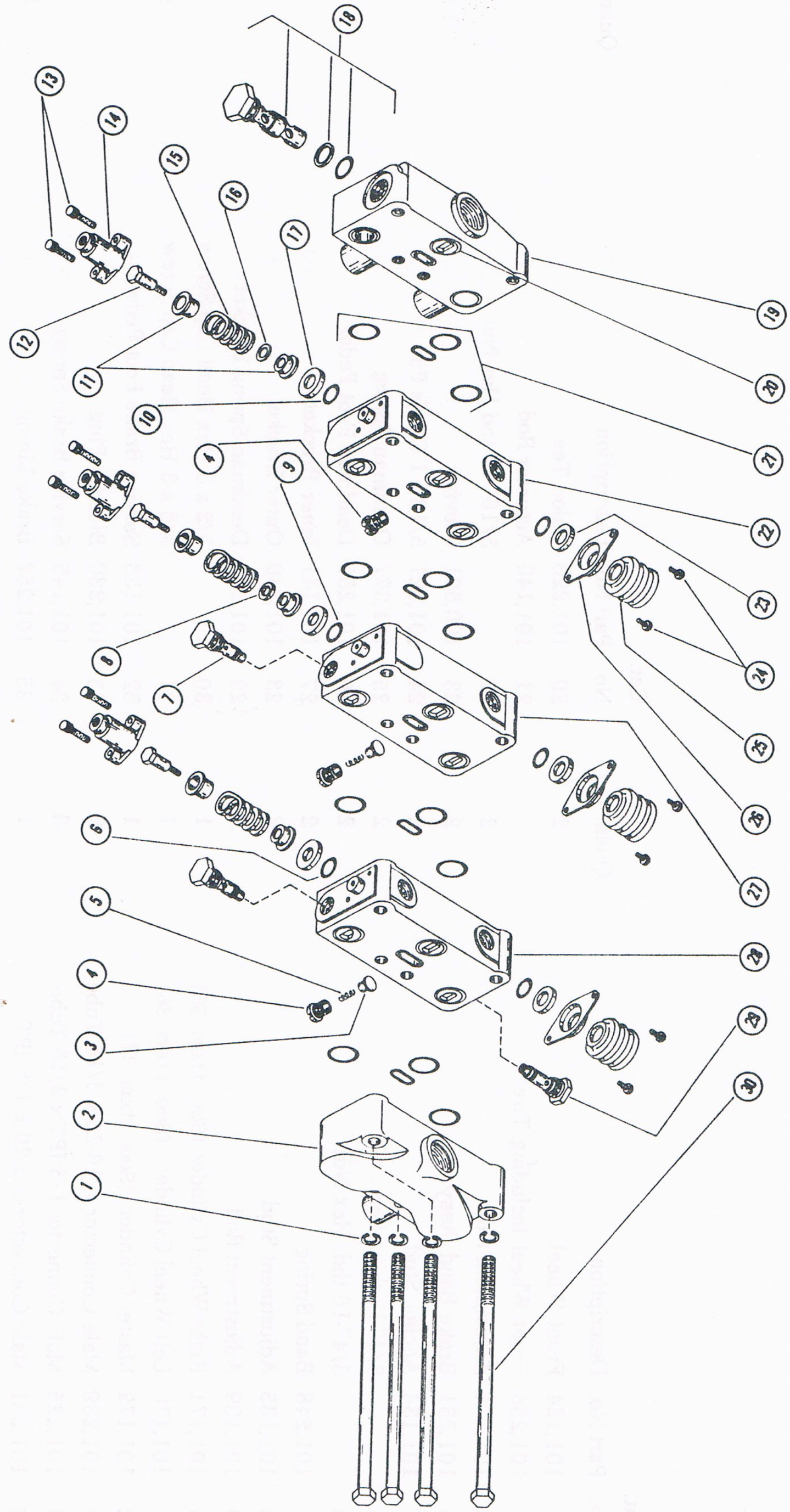

38
16
1
39
14
14
17
34
2
3
32
18
14
15
12
35
9
31
4
30
8
5
29
7
6
37
19
11
5
20
36
13
7
4
28
2
3
27
21
8
35
25
22
19
23
24
26
13
9
36
10
1

NAMCO

HYDRAULIC BRAKE COMPONENTS

Cat. No.	Part No.	Description	Quan.
1	101,124	Front Wheel	2
	101,258	Front Wheel Including Tire	
2	101,144	Adjustment Nut	2
3	101,251	Brake Band Assy.	2
4	101,134	Anchor Stud	2
5		3/4" Lockwasher	2
6		3/4"-16 thd. Hex Nut	2
7	101,248	Band Spring	2
8	101,135	Adjustment Stud	2
9	101,139	Adjustment Rod	2
10	101,171	Right Wheel Cylinder (See item 36)	1
11	101,170	Left Wheel Cylinder (See item 36)	1
12	101,172	Master Cylinder (See item 37)	1
13	101,239	Male Connector 7/16-20 x 3/16 Tube	2
14	101,225	Male Connector 1/8 IPT x 3/16 Tube	3
15	101,231	Male Connector 1/2-20 x 1/8 IPT	1
16	101,229	Tubing Assy 51" Long	1
17	101,228	Tubing Assy 40" Long	1
18	101,249	Tubing Assy 30" Long	1
19	101,227	Tubing Assy 12" Long	2

Cat. No.	Part No.	Description	Quan.
20	101,226	Union Tee	1
21	101,143	Actuator Rod	1
22		5/16"-24 thd Hex Nut	1
23	100,501	Clevis	1
24	101,327	5/16 x 1 Clevis Pin	1
25	101,377	Deadman Spring	1
26	101,250	Deadman Foot Pedal	1
27	101,141	Inner Bracket	1
28	101,140	Outer Bracket	1
29	101,285	Deadman Spring Bracket	1
30		1/2 x 3 Hex Head Cap Screw	1
31		3/8 x 3 Hex Head Cap Screw	2
32	101,138	Service Brake Foot Pedal	1
33	101,230	Bleeder Plug	1
34	101,145	Service Brake Spring	1
35	101,252	Brake Lining	2
36	101,399	Wheel Cylinder Repair Kit	1
37	101,401	Master Cylinder Repair Kit Wagner F106471	1
38	101,240	Service Spring Bracket	1
39	101,222	Twist Lock Valve	1


18
13
14
15
16
17
19
12
11
20
10
21
9
22
1
23
8
24
7
25
26
6
27
5
28
4
29
3
30
2
1

SU G 0667(A)

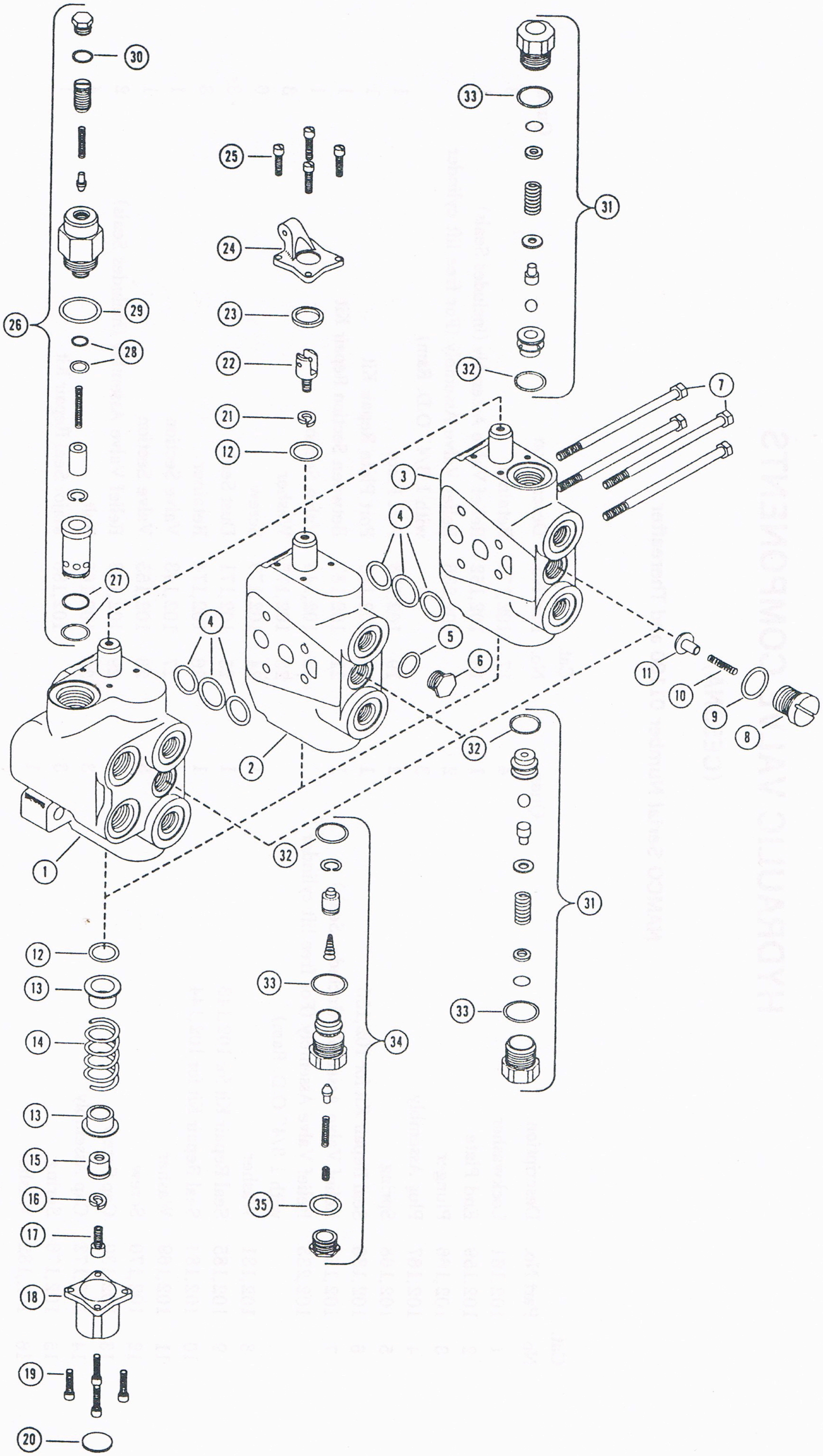
NAMCO

HYDRAULIC VALVE COMPONENTS

(CESSNA)

NAMCO Serial Number 01100 and Thereafter

Cat. No.	Part No.	Description	Quan.
1	102,161	Lockwasher	4
2	102,159	End Plate	1
3	102,166	Plunger	2
4	102,167	Plug Assembly	3
5	102,168	Spring	2
6	102,186	Seal Repair Kit for 102,155	1
7	102,154	Relief Valve Assembly (Includes Seals)	1
	102,235	Relief Valve Assembly (For free lift cylinder with 1 3/4" O.D. Ram)	
8	102,181	Washer	1
9	102,185	Seal Repair Kit for 102,143	1
10	102,184	Seal Repair Kit for 102,144	1
11	102,169	Washer	6
12	102,170	Screw	3
13	102,180	Cap Screw	6
14	102,172	Cap Assembly	3
15	102,176	Spring	3
16	102,182	Washer	1
17	102,173	Retainer	3
18	102,152	Relief Valve Assembly (Includes Seals)	1
	102,236	Relief Valve Assembly (For free lift cylinder with 1 3/4" O.D. Ram)	
19	102,158	Port Plate	1
20	102,183	Port Plate Repair Kit	1
21	102,187	Between Section Repair Kit	1
22	102,144	Valve Section	1
23	102,175	Washer	3
24	102,179	Screw	6
25	102,171	Dust Seal	3
26	102,174	Retainer	3
27	102,143	Valve Section	1
28	102,155	Valve Section	1
29	102,153	Relief Valve Assembly (Includes Seals)	2
30	102,165	Bolt	4
	102,188	Major Seal Repair Kit	1


30
25
24
23
22
21
12
29
26
28
27
4
5
6
4
2
1
33
31
32
7
3
11
10
9
8
32
31
33
34
35
12
13
14
13
15
16
17
18
19
20

NAMCO

HYDRAULIC VALVE COMPONENTS

Seal Kit 104,401

(GRESEN)

Previous to NAMCO Serial Number 01100

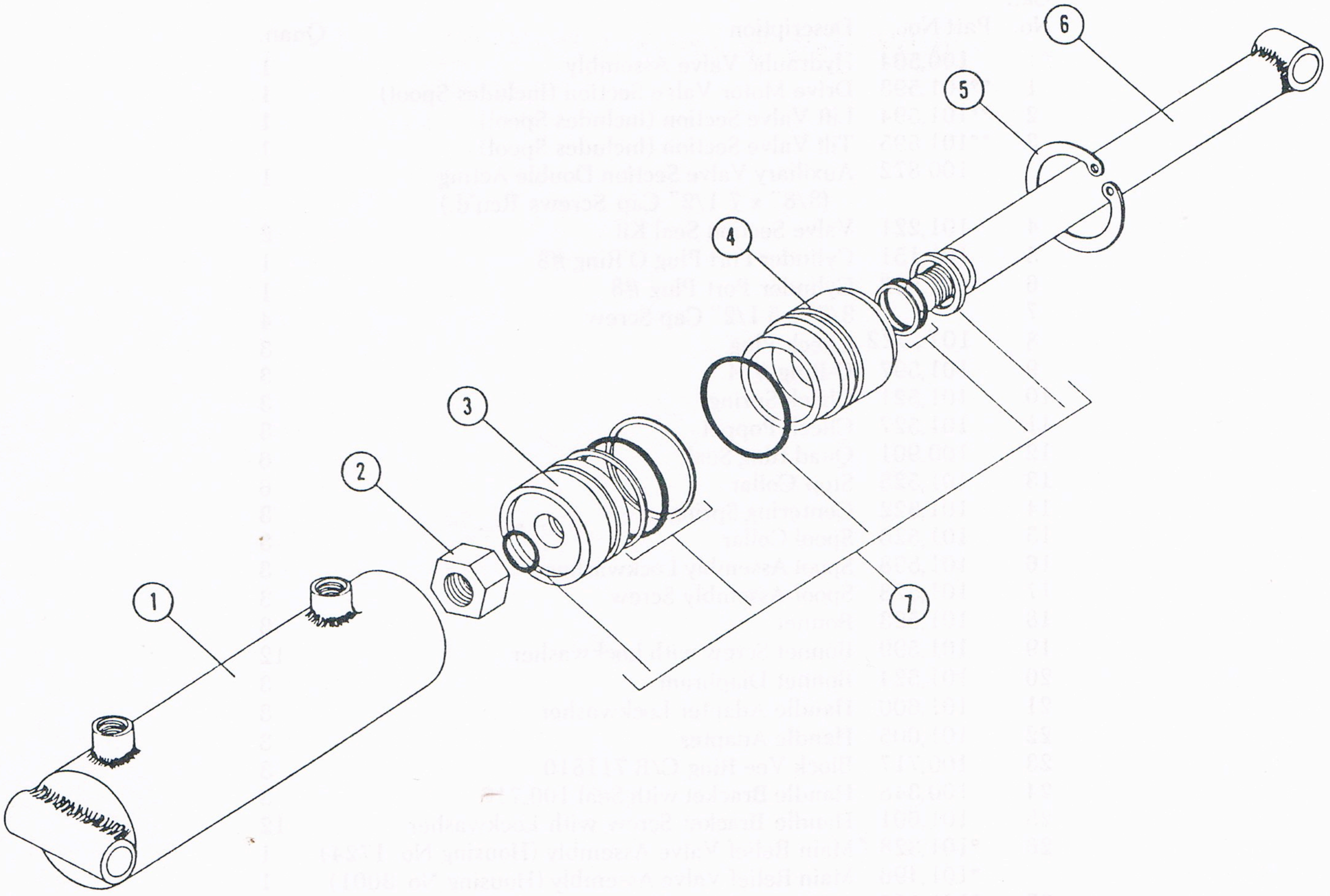
Cat. No.	Part No.	Description	Quan.
	100,504	Hydraulic Valve Assembly	1
1	°°101,593	Drive Motor Valve Section (Includes Spool)	1
2	°°101,594	Lift Valve Section (Includes Spool)	1
3	°°101,595	Tilt Valve Section (Includes Spool)	1
	100,872	Auxiliary Valve Section Double Acting (3/8" x 7 1/2" Cap Screws Req'd.)	1
4	101,221	Valve Section Seal Kit	2
5	101,151	Cylinder Port Plug O'Ring #8	1
6	101,596	Cylinder Port Plug #8	1
7		3/8" x 5 1/2" Cap Screw	4
8	101,522	Check Plug	3
9	101,597	O-Ring #14	3
10	101,521	Check Spring	3
11	101,527	Check Poppet	3
12	100,901	Quad Ring Seal	6
13	101,525	Stop Collar	6
14	101,322	Centering Spring	3
15	101,526	Spool Collar	3
16	101,598	Spool Assembly Lockwasher	3
17	101,528	Spool Assembly Screw	3
18	101,523	Bonnet	3
19	101,599	Bonnet Screw with Lockwasher	12
20	101,524	Bonnet Diaphram	3
21	101,600	Handle Adapter Lockwasher	3
22	101,005	Handle Adapter	3
23	100,717	Block Vee Ring C/R 711810	3
24	100,348	Handle Bracket with Seal 100,717	3
25	101,601	Handle Bracket Screw with Lockwasher	12
26	°101,328	Main Relief Valve Assembly (Housing No. 1724)	1
	°101,496	Main Relief Valve Assembly (Housing No. 3001)	1
27	°101,602	O-Ring and Seal (Housing No. 1724)	1
	°101,603	O-Ring and Seal (Housing No. 3001)	1
28	101,604	O-Ring and Back-up Washer (Housing No. 1724)	1
	101,605	O-Ring and Back-up Washer (Housing No. 3001)	1
29	101,125	Copper Gasket (Housing No. 1724)	1
	°101,494	O-Ring (Housing No. 3001)	1
30	100,750	Gasket	1
31	101,329	Tilt Relief Valve Assembly	2
32	101,319	Inner O-Ring Seal	3
33	101,606	O-Ring	3
34	101,318	Lift Relief Valve Assembly	1
35	101,607	O-Ring	1

°°Housings and spools cannot be ordered as separate items. All spools are fitted to individual housings by select hone process at factory.

°When ordering main relief valve or parts for it refer to valve housing number which is located on the drive motor valve section and visible from the right side of the truck and behind the mounting pad of the lower bolt.

NAMCO

TILT CYLINDER COMPONENTS



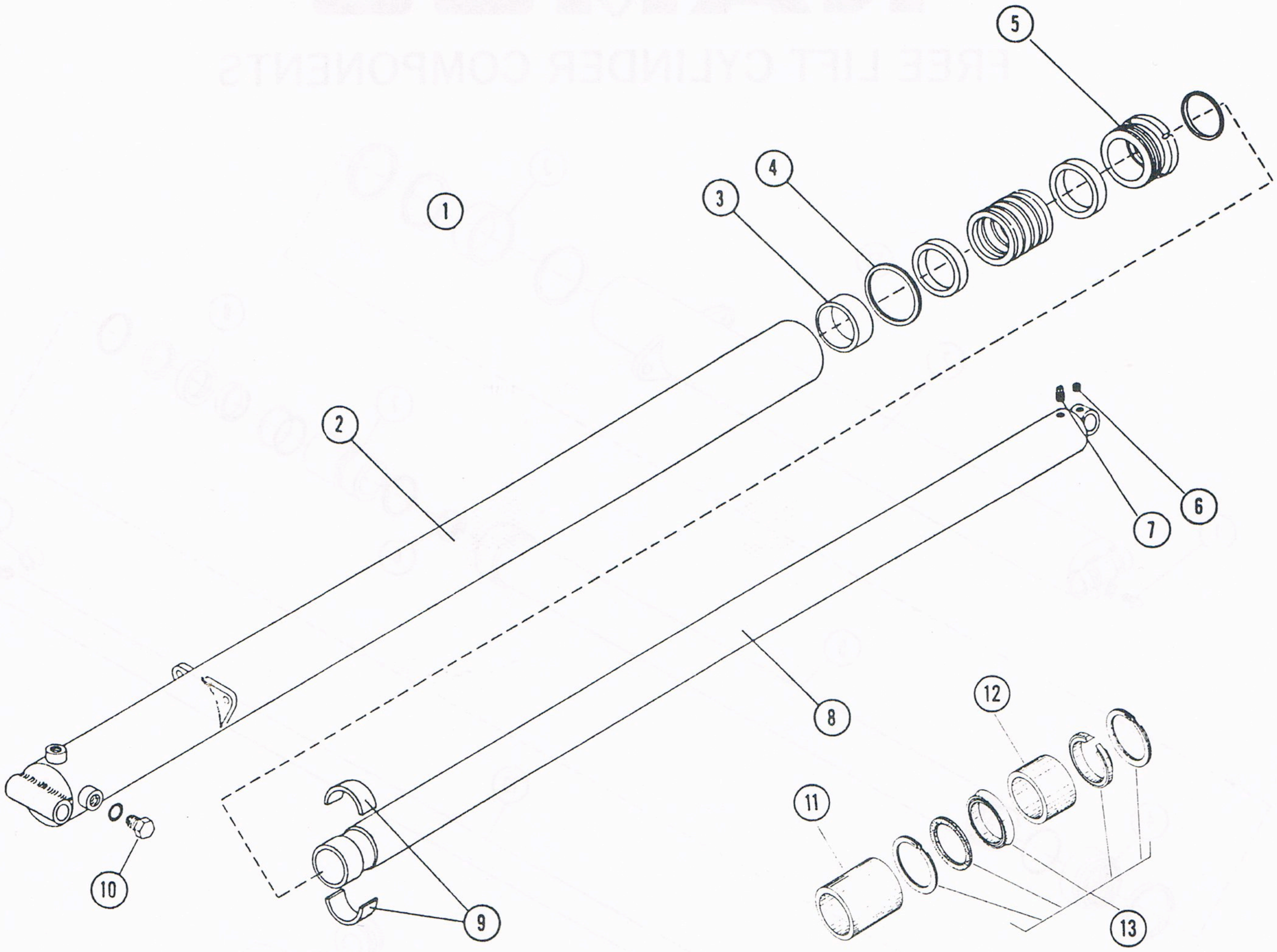
Cat. No.	Part No.	Description	Quan.
1	101,044	Case	1
2	101,045	Nut 1" N.C.	1
3	101,047	Piston	1
4	101,050	Gland	1
5	101,053	Snap Ring	1
6	101,054	Ram	1
7	100,716	Seal Kit, Complete	1

101,650 Cylinder Assembly

NAMCO

LIFT CYLINDER COMPONENTS

See Page 30 Before Ordering Cylinder Parts



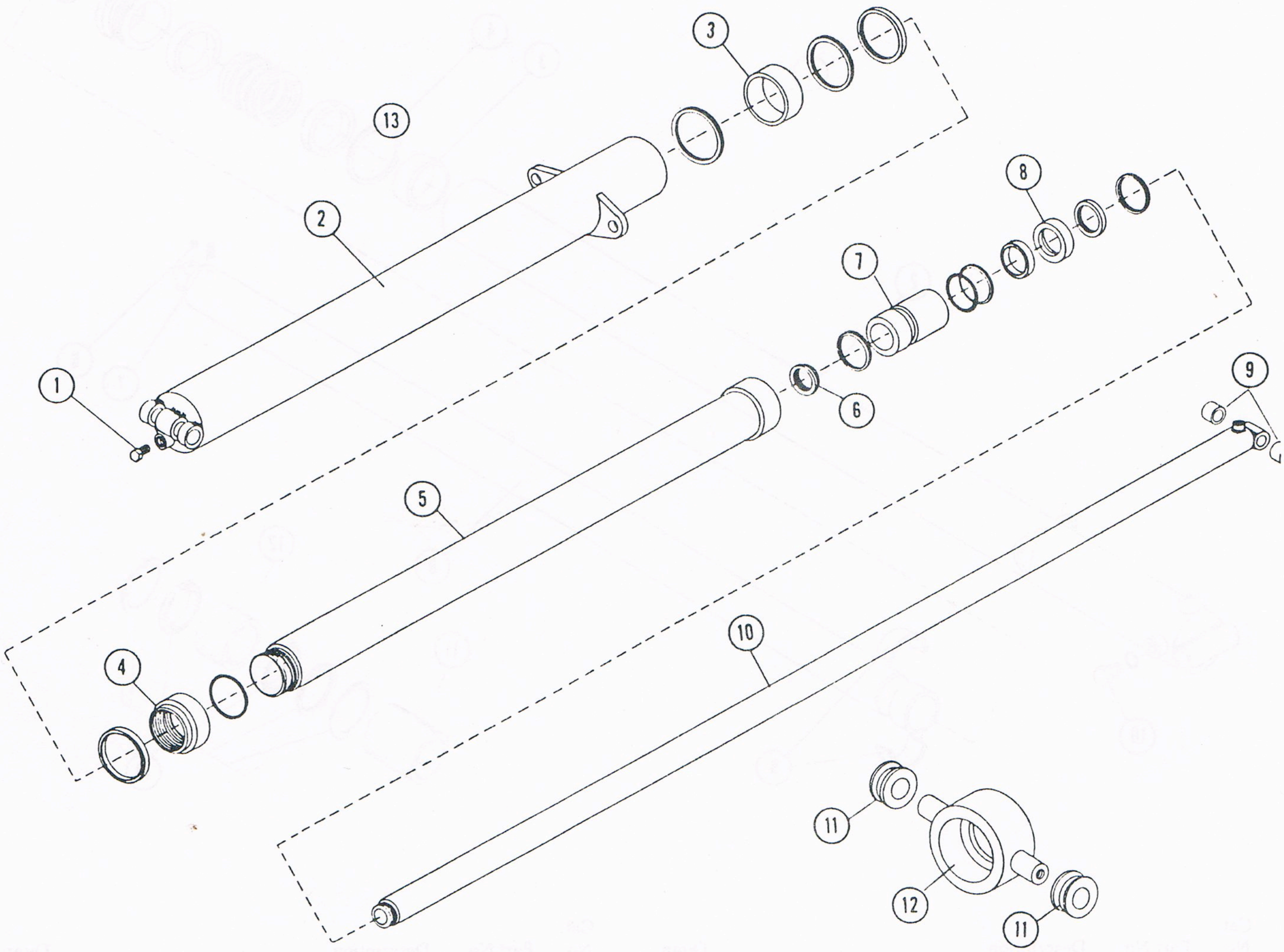
Cat. No.	Part No.	Description	Quan.
1	100,655	* 88" Lift Cylinder, 2 3/8" OD Ram, Complete Cylinder	1
	100,656	* 106" Lift Cylinder, 2 3/8" OD Ram, Complete Cylinder	
	100,657	* 120" Lift Cylinder, 2 3/8" OD Ram, Complete Cylinder	
	100,652	** 88" Lift Cylinder, 2 3/4" OD Ram, Complete Cylinder	
	100,653	** 106" Lift Cylinder, 2 3/4" OD Ram, Complete Cylinder	
	100,654	** 120" Lift Cylinder, 2 3/4" OD Ram, Complete Cylinder	
	101,016	** 130" Lift Cylinder, 2 3/4" OD Ram, Complete Cylinder	
	101,017	** 144" Lift Cylinder, 2 3/4" OD Ram, Complete Cylinder	
2	101,037	Case, 88" Lift, 2 3/8" OD Ram	1
	101,038	Case, 106" Lift 2 3/8" OD Ram	
	101,039	Case, 120" Lift 2 3/8" OD Ram	
	101,018	Case, 88" Lift, 2 3/4" OD Ram	
	101,019	Case, 106" Lift, 2 3/4" OD Ram	
	101,020	Case, 120" Lift, 2 3/4" OD Ram	
	101,021	Case, 130" Lift, 2 3/4" OD Ram	
	101,022	Case, 144" Lift, 2 3/4" OD Ram	
3	101,220	Spacer, 2 3/4" OD Ram Use only in 120", 130", and 144" Lifts	1
4	101,028	Snap Ring	1
5	100,891	Packing Nut, 2 3/8" OD Ram	1
	100,890	Packing Nut, 2 3/4" OD Ram	
		1/4" N.C. Allen Head Set Screw	1
7		1/4" Iron Pipe Plug	1
8	101,040	Ram, 88" Lift, 2 3/8" OD	1
	101,041	Ram, 106" Lift, 2 3/8" OD	
	101,042	Ram, 120" Lift, 2 3/8" OD	
	101,023	Ram, 88" Lift, 2 3/4" OD	
	101,024	Ram, 106" Lift, 2 3/4" OD	
	101,025	Ram, 120" Lift, 2 3/4" OD	
	101,026	Ram, 130" Lift, 2 3/4" OD	
	101,027	Ram, 144" Lift, 2 3/4" OD	
9	101,035	Guide 2 3/8" OD Ram	1
	101,036	Guide 2 3/4" OD Ram	
10	101,834	Plug	1
11	102,145	Inner Bearing Ring	1
12	102,146	Outer Bearing Ring	1
13	102,127	Packing Kit	1

* Seal Kit 100,715

** Seal Kit 100,809

NAMCO

FREE LIFT CYLINDER COMPONENTS

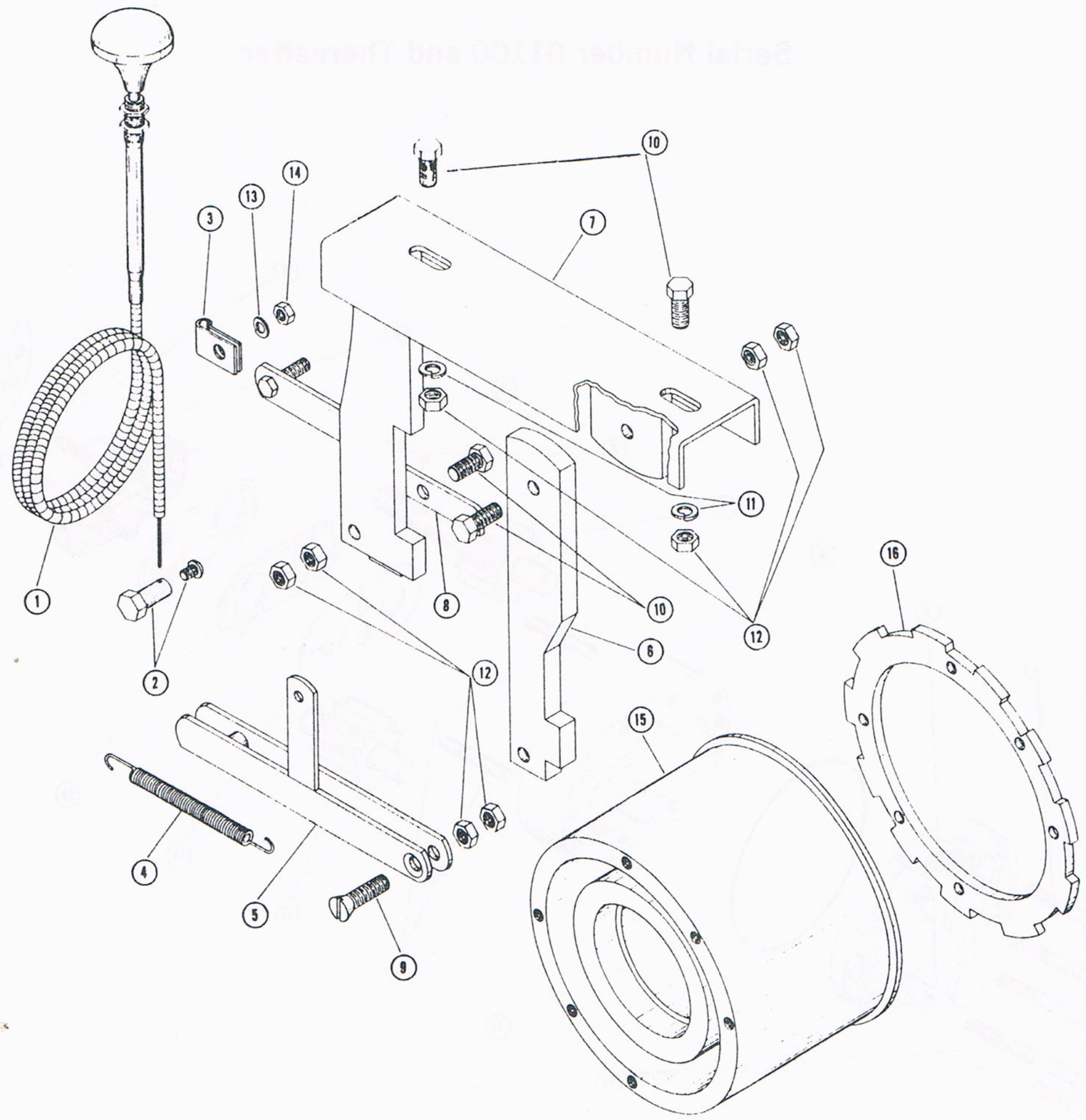


Cat. No.	Part No.	Description	Quan.
1	101,058	Bleeder Plug	1
2	101,059	Case 43-90	1
	101,060	Case 52-106	
	101,061	Case 58-120	
3	101,063	Gland Bearing	1
4	101,066	Piston	1
5	101,068	Intermediate Ram 43-90	1
	101,069	Intermediate Ram 52-106	
	101,070	Intermediate Ram 58-120	
6	101,077	Ram Stop	1
7	101,072	Gland	1
8	101,075	Spacer, Gland	1
9	100,498	Free Lift Cylinder Spacer	2

Cat. No.	Part No.	Description	Quan.
10	101,078	Ram 43-90	1
	101,079	Ram 52-106	
	101,080	Ram 58-120	
11	100,294	Free Lift Sheave	2
12	100,222	Crosshead (3 tube cylinder)	1
	100,296	Crosshead (4 tube cylinder)	1
13		Complete cylinders	
	100,659	63/90/43 Free Lift Cylinder Ass'y.	1
	100,860	71/106/52 Free Lift Cylinder Ass'y.	1
	100,861	78/120/58 Free Lift Cylinder Ass'y.	1
	100,885	Packing Kit (3 tube cylinder)	
	100,884	Packing Kit (4 tube cylinder)	

NAMCO

BRAKE ASSEMBLY



Cat. No.	Part No.	Description	Quan.
1	100,591	Control Cable	1
2	100,592	Thimble	1
3	100,593	Casing Clip	1
4	100,594	Spring	1
5	100,185	Brake Link	1
6	100,190	Brake Arm	1
7	100,184	Brake Channel	1
8	100,180	Rear Link	1
9		3/8" x 1" N.C. Flat Head Stove Bolt	1

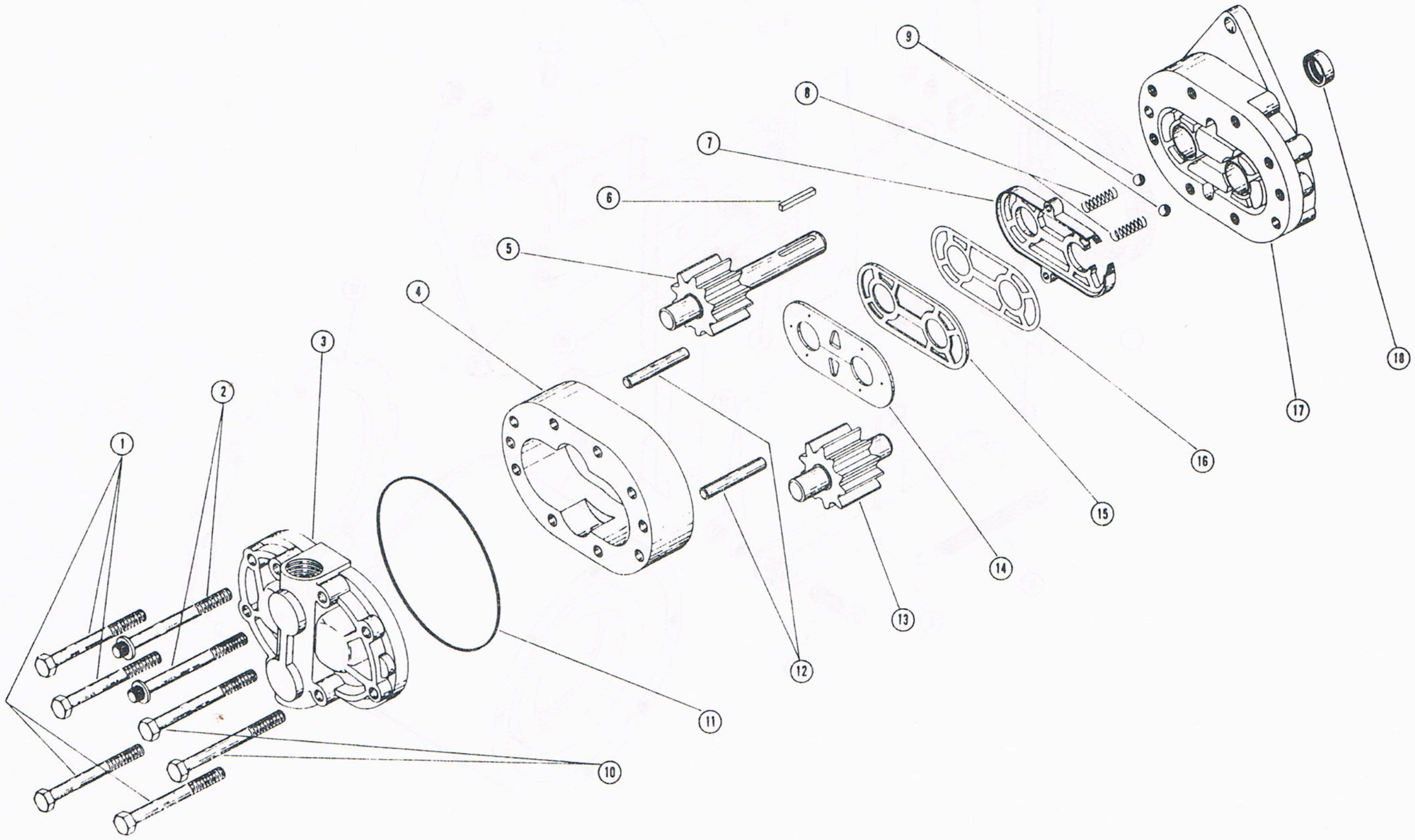
Cat. No.	Part No.	Description	Quan.
10		3/8" x 1" N.C. Hex Head Screw	4
11		3/8" Lockwasher	2
12		3/8" Hex Nut	6
13		5/16" Lockwasher	1
14		5/16" Hex Nut	1
15	100,083	Drive Wheel Right	1
16	100,191	Brake Gear	1
		Prior to Serial No. 31001 order 100,190 Brake Arm with the Above Brake Gear.	

NAMCO

PUMP COMPONENTS

(CESSNA)

Serial Number 01100 and Thereafter



Cat. No.	Part No.	Description	Quan.
1	102,217	Cap Screw	4
2	102,219	Cap Screw (12 pt.)	2
3	102,210	Back Plate Ass'y.	1
4	102,211	Body	1
5	102,212	Drive Gear Ass'y.	1
6	102,220	Key	1
7	102,205	Diaphragm Seal	1
8	102,203	Spring	2
9	102,214	Steel Ball	2
10	102,218	Cap Screw	2

Cat. No.	Part No.	Description	Quan.
11	102,215	"O" Ring	1
12	102,216	Dowell Pin	2
13	102,213	Idler Gear Assembly	1
14	102,206	Diaphragm	1
15	102,207	Back-Up Washer	1
16	102,208	Protector Gasket	1
17	102,204	Front Plate Assembly	1
18	102,209	Shaft Seal	1
	102,221	Seal Repair Kit	1

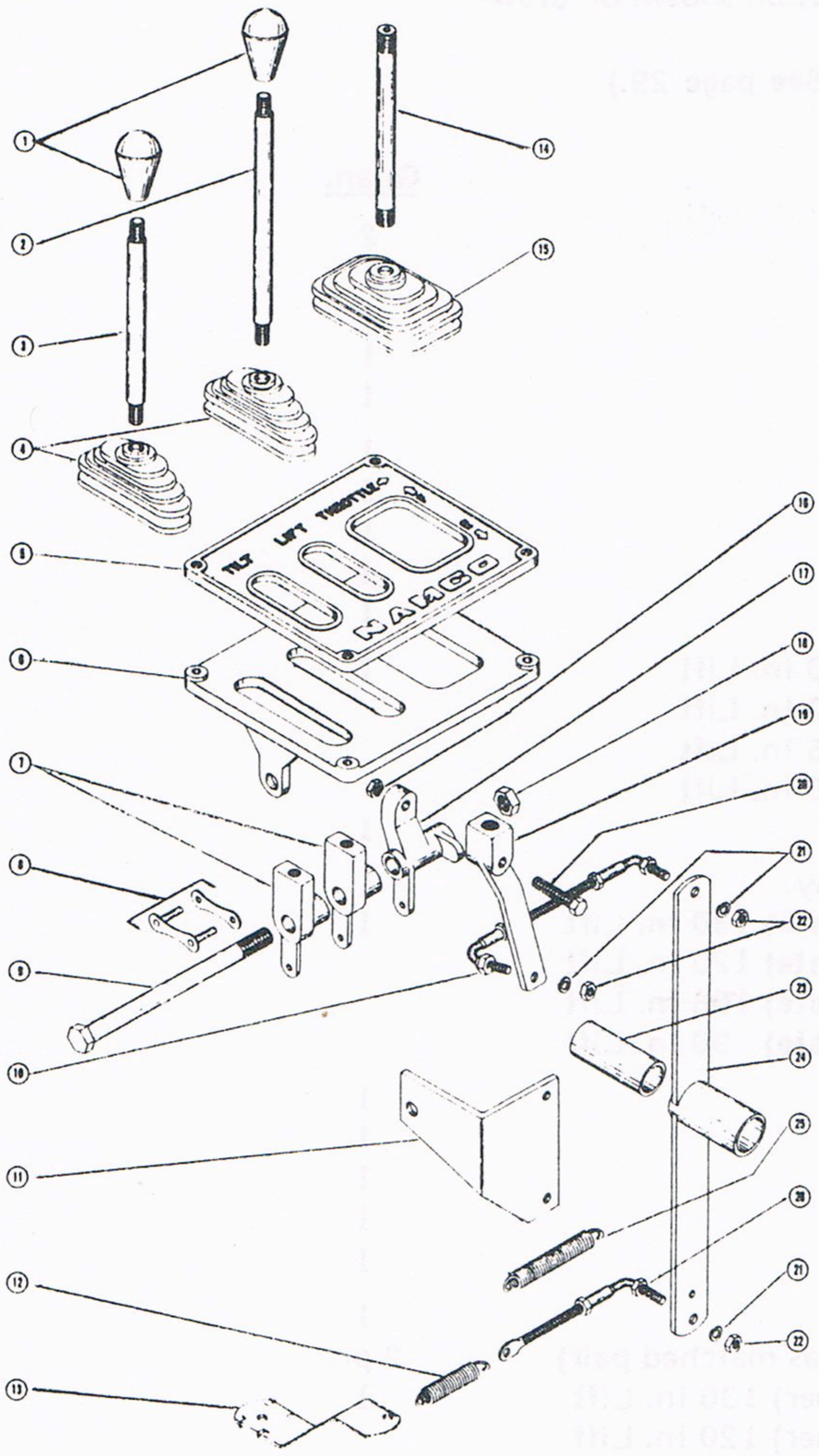
SU G 0667(A)

NAMCO

CONTROL LINKAGE COMPONENTS

Serial Number 01100 and Thereafter

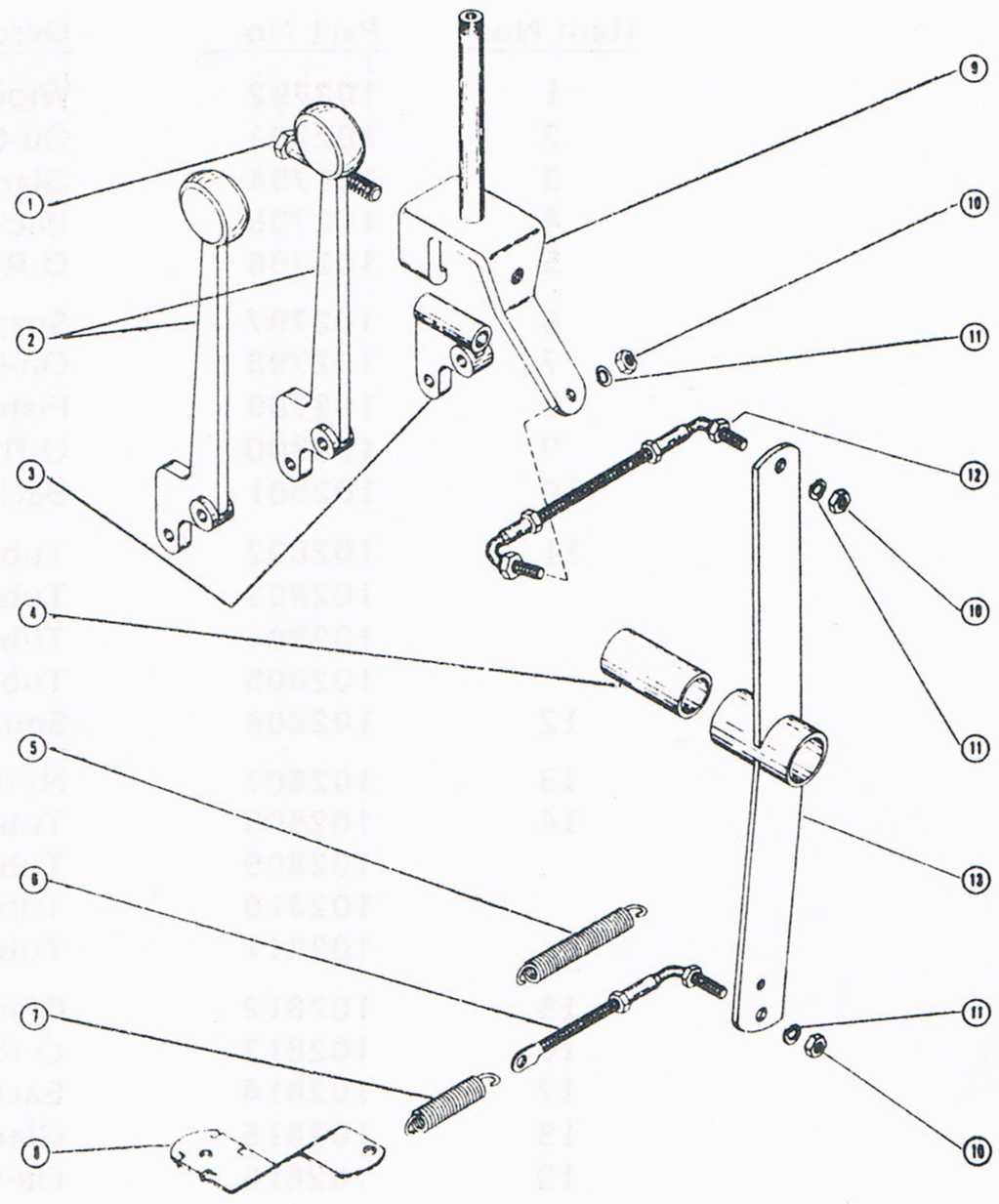
(CESSNA VALVE)



Cat. No.	Part No.	Description	Quan.
1	102,121	Ball Knob	2
2	102,114	Lift Lever	1
3	102,115	Tilt Lever	1
4	102,112	Control Lever Boot	2
5	102,096	Name Plate	1
6	102,119	Control Mount Plate	1
7	102,116	Control Lever Linkage	2
8	102,080	Double Pitch Chain connector	3
9	— —	Cap Screw 1/2"-13 x 6 1/2"	1
10	100,158	Throttle Linkage Assembly	1
11	102,100	Throttle Stop	1
12	101,113	Spring (Gov. Arm Onan No. 150A698)	1
13	101,129	Throttle Extension Arm	1
14	102,113	Throttle Lever	1
15	102,111	Throttle Lever Boot	1
16	— —	Hex Nut 5/16"-18	1
17	102,117	Throttle Linkage Mount	1
18	— —	Hex Nut 1/2"-13	1
19	102,118	Throttle Linkage	1
20	— —	Cap Screw 5/16"-18 x 1 1/2"	1
21	— —	Lockwasher, 1/4"	3
22	— —	Hex Nut, 1/4"-20	3
23	102,105	Bell Crank Bushing	1
24	102,101	Bell Crank	1
25	100,503	Throttle Spring	1
26	101,152	Throttle Adjustment Rod	1

Previous to Serial Number 01100

(GRESEN VALVE)



Cat. No.	Part No.	Description	Quan.
1	— —	Cap Screw 3/8"-16 x 2 1/2"	1
2	100,170	Control Handle	2
3	100,168	Pivot	1
4	100,157	Valve Spacer	3
5	100,503	Throttle Spring	1
6	101,152	Throttle Adjustment Rod	1
7	101,113	Spring (Gov. Arm Onan No. 150A698)	1
8	101,129	Throttle Extension Arm	1
9	100,166	Control Lever	1
10	— —	Hex Nut, 1/4"-20	3
11	— —	Lockwasher, 1/4"	3
12	100,158	Throttle Linkage	1
13	100,174	Bell Crank	1

HIGH FREE LIFT CYLINDER

130 In./120 In./106 In./90 In. Lift

Production of units using the following series of cylinders will begin approximately February 1, 1973. These cylinders may be identified by part number stamped on outer stage in location shown on drawing. Page 29A.

(For prior series of High Free Lift Cylinders, See page 29.)

Item No.	Part No.	Description	Quan.
1	102792	Wiper	2
2	102793	Ou-Cup	1
3	102794	Gland	1
4	102795	Back-Up Washer	1
5	102796	O-Ring	1
6	102797	Snap Ring	1
7	102798	Ou-Cup	1
8	102799	Piston	1
9	102800	O-Ring	1
10	102801	Back-Up Washer	1
11	102802	Tube Assy. (Outer) 130 In. Lift	1
	102803	Tube Assy. (Outer) 120 In. Lift	
	102804	Tube Assy. (Outer) 106 In. Lift	
	102805	Tube Assy. (Outer) 90 In. Lift	
12	102806	Square Retaining Ring	1
13	102807	Nyltite Air Bleeder Assy.	1
14	102808	Tube Assy. (Intermediate) 130 In. Lift	1
	102809	Tube Assy. (Intermediate) 120 In. Lift	
	102810	Tube Assy. (Intermediate) 106 In. Lift	
	102811	Tube Assy. (Intermediate) 90 In. Lift	
15	102812	Gland	1
16	102813	O-Ring	1
17	102814	Back-Up Washer	1
18	102815	Gland	1
19	102816	Ou-Cup	1
20	102817	Wiper	1
21	102818	Piston (Available only as matched pair)	2 pr.
22	102819	Piston Tube Assy. (Inner) 130 In. Lift	1
	102820	Piston Tube Assy. (Inner) 120 In. Lift	
	102821	Piston Tube Assy. (Inner) 106 In. Lift	
	102822	Piston Tube Assy. (Inner) 90 In. Lift	
23	102823	Mounting Plate Assy.	1
24	120541	Seal Plug - No. 8 ORB (Includes O-Ring)	1

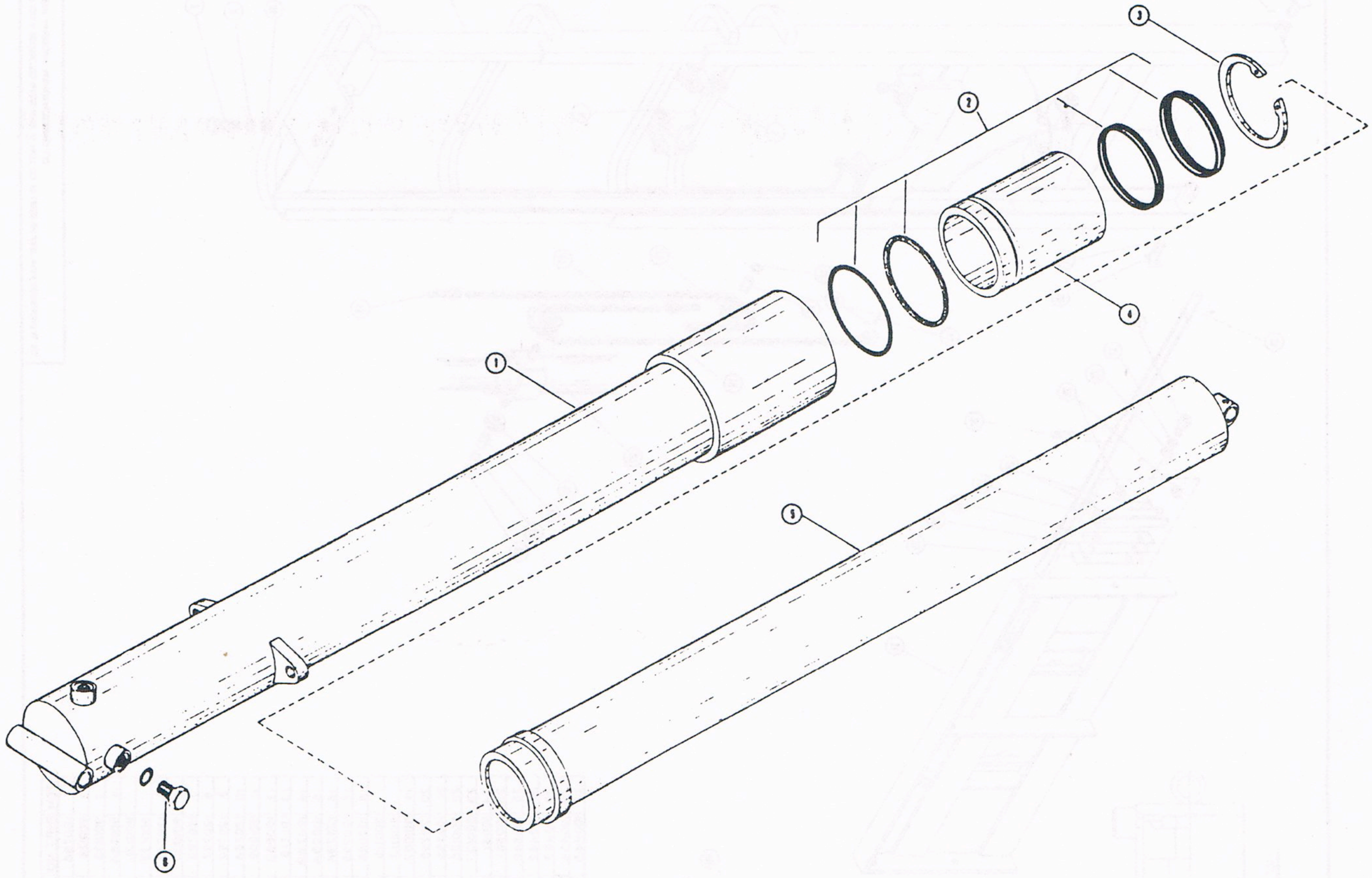
	102770	Complete Cylinder Assy. - 130 In. Lift
	102771	Complete Cylinder Assy. - 120 In. Lift
	102772	Complete Cylinder Assy. - 106 In. Lift
	102773	Complete Cylinder Assy. - 90 In. Lift
	102824	Complete Seal Kit (Includes All Seals Above) Will Fit All Above Models

For Revision or Service Bulletins, See Supplement Group F.

NAMCO

LIFT CYLINDER COMPONENTS

See Page 25 Before Ordering Cylinder Parts

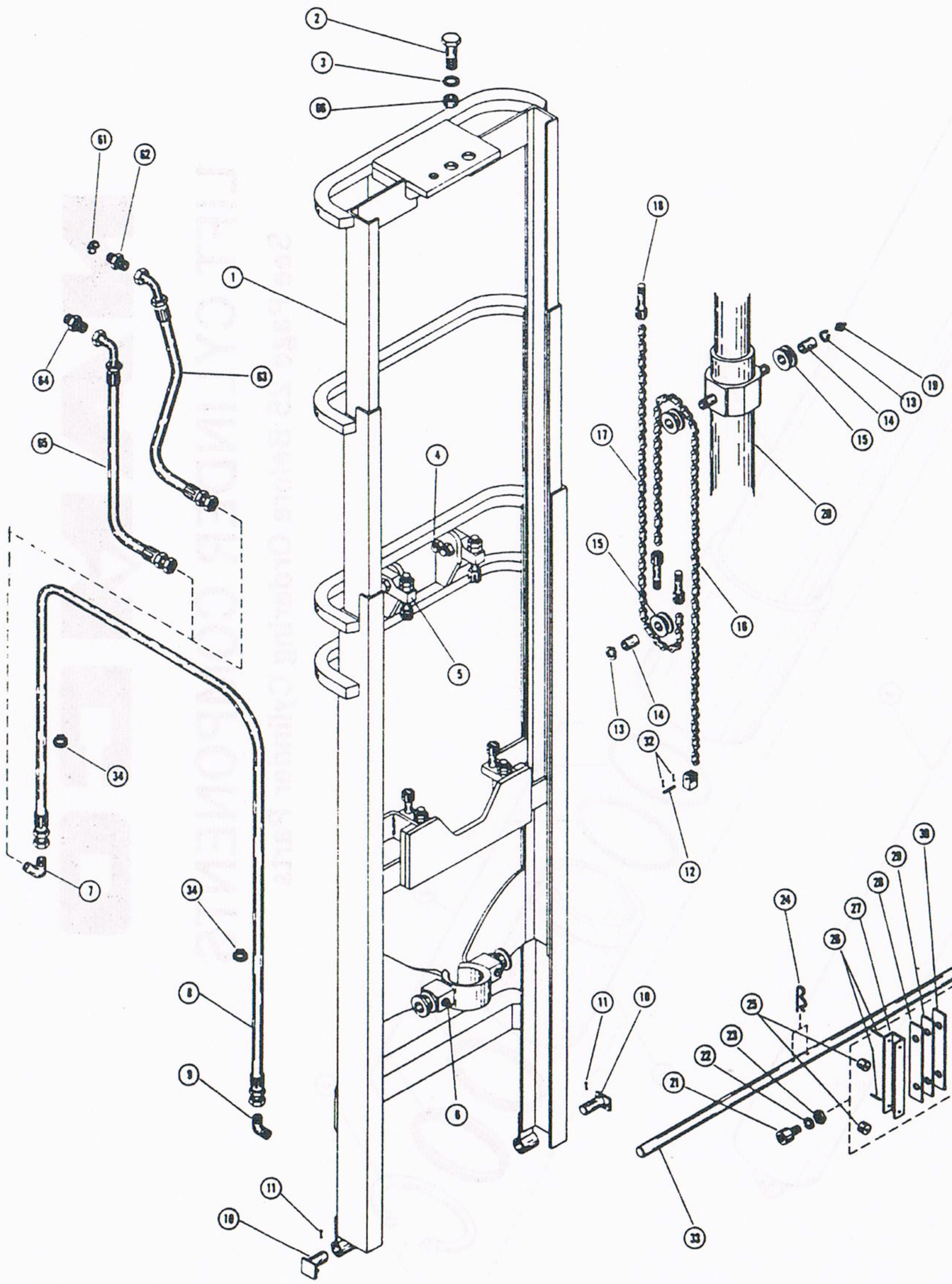


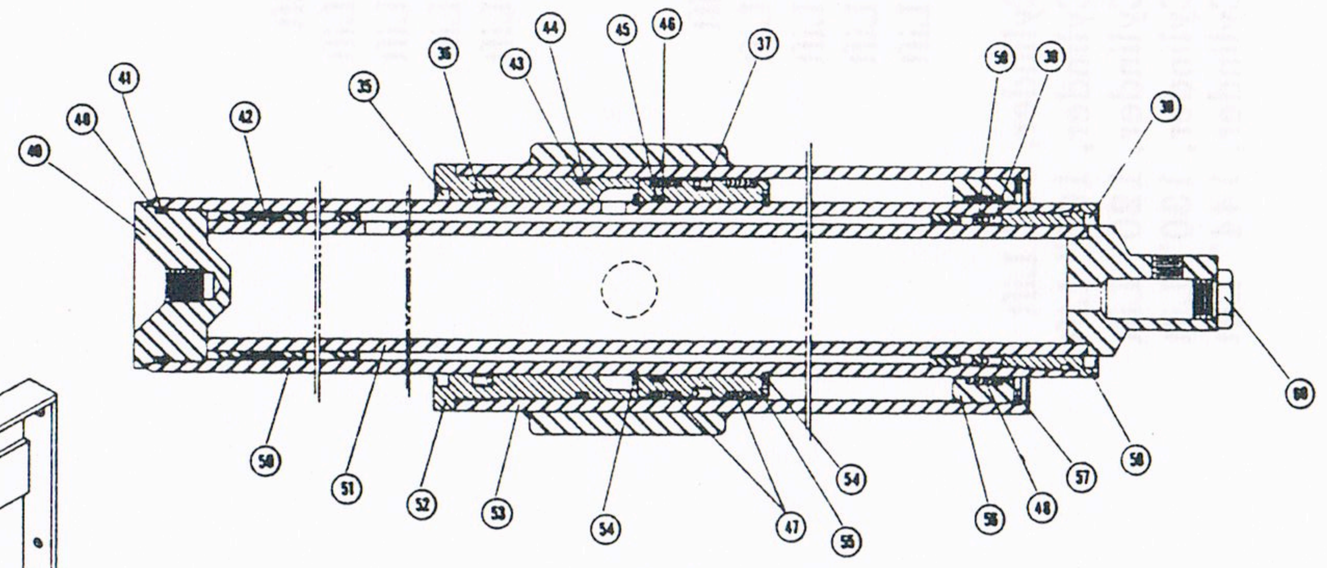
Cat. No.	Part No.	Description	Quan.
1	102,258	Case, 90" Lift	1
	102,259	Case, 106" Lift	
	102,260	Case, 120" Lift	
	102,261	Case, 130" Lift	
	102,262	Case, 144" Lift	
2	102,255	Seal Kit	1
3	102,256	Snap Ring	1
4	102,257	Ram Guide	1
5	102,263	Ram, 90" Lift	1
	102,264	Ram, 106" Lift	
	102,265	Ram, 120" Lift	
	102,266	Ram, 130" Lift	
	102,267	Ram, 144" Lift	
6	101,834	Plug	1
	102,250	Complete Cylinder, 90" Lift	
	102,251	Complete Cylinder, 106" Lift	
	102,252	Complete Cylinder, 120" Lift	
	102,253	Complete Cylinder, 130" Lift	
	102,254	Complete Cylinder, 144" Lift	

120931

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTEREST OF NORTH AMERICAN MANUFACTURING CO.

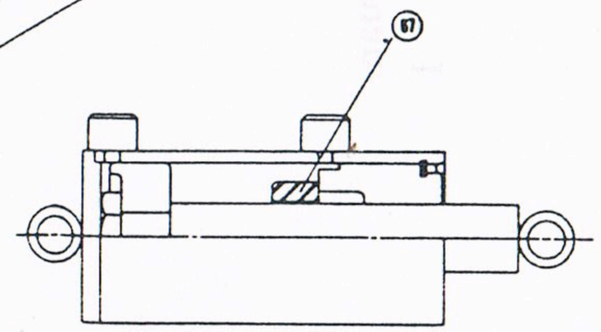
ITEM	PART NO.	DESCRIPTION	QUAN.	ITEM	PART NO	DESCRIPTION	QUAN.
1	120788	TRI-STAGE MAST	1	31	120735	TRI-STAGE CARRIAGE	1
2	900126	CAP SCREW 5/8-11 X 1 1/2	1	32	901005	COTTER PIN 1/16 X 1/2	16
3	900133	LOCKWASHER 5/8	1	33	100657	FORK SLIDE ROD	1
4	901884	CAP SCREW 5/8-11 X 2 1/2	4	34	100797	HOSE CLAMP	2
	900131	HEX NUT 5/8-11	4	35	120901	SEAL KIT-SEE BELOW	1
	900133	LOCKWASHER 5/8	4		120818	COMPLETE SEAL KIT-SEE BELOW	1
5	120747	UPPER LIFT CHAIN ANCHOR	2	49	120916	END CAP	1
6	901000	1/8 NPT ZERK	2	50	120917	RAM ASSEMBLY	1
7	120793	90° ELBOW 8-8	1	51	120918	RAM ASSEMBLY	1
8	120797	HOSE ASSEMBLY	1	52	120919	RETAINER NUT	1
9	120792	90° ELBOW 6-8	1	53	120920	OUTER SHELL	1
10	120764	MOUNT PIN	2	54	120921	SNAP RING	2
11	901009	COTTER PIN 3/16 X 1 1/2	2	55	120922	PISTON	1
12	100663	LEAF CHAIN CONNECTOR	8	56	120923	RAM GUIDE	1
13	101216	SNAP RING	4	57	120924	SNAP RING	1
14	100789	BUSHING	4	58	120925	RAM GUIDE	1
15	100294	CHAIN SHEAVE	4	59	120926	BACK-UP RING	1
16	120794	LIFT CHAIN	2	60	120791	PLUG	1
17	120795	LIFT CHAIN	2	61	102562	RESTRICTOR-GAS ONLY	1
18	100066	LEAF CHAIN BOLT	6	62	100868	ADAPTOR 8-8 GAS ONLY	1
	900115	HEX NUT 1/2-13	12	63	102337	HOSE ASSEMBLY-GAS ONLY	1
	900113	LOCKWASHER 1/2	6	64	101667	ADAPTOR 8-8 ELEC ONLY	1
19	901003	1/4-28 ZERK	2	65	120801	HOSE ASSEMBLY-ELEC ONLY	1
20	120785	LIFT CYLINDER ASSEMBLY	1	66	120796	BUSHING	1
21	100565	GUIDE BEARING	4	67	102339	FWD TILT RESTRICTOR-2° GAS ONLY	1
22	900136	LOCKWASHER 7/8	4		120803	FWD TILT RESTRICTOR-2° ELEC ONLY	1
23	900137	HEX NUT 7/8-14	4				
24	101161	FORK ROD HAIR PIN	2				
25	100661	THRUST BEARING	4				
26	100662	ROLL PIN 7/16 X 1 1/2	4				
27	100462	THRUST BEARING MOUNT	2				
28	100463	THRUST MOUNT SPACER LIGHT	2				
29	100464	THRUST MOUNT SPACER MEDIUM	2				
30	100465	THRUST MOUNT SPACER	2				





TRI-FREE LIFT CYLINDER ASSEMBLY

120901 SEAL KIT INCLUDES ITEMS 35 THRU 39
120818 SEAL KIT INCLUDES ITEMS 35 THRU 48



TILT CYLINDER

120931

NORTH AMERICAN MANUFACTURING CO.
SIOUX CITY, IOWA

DWG.	DATE	CHANGE	BY	RELEASE NO.

UNLESS SHOWN DIM. TOLERANCE AS: ONE PLACE ± .03; TWO PLACES ± .03; THREE PLACES ± .010; ANGLES ± 1°

THIRD ANGLE PROJECTION

NAME: TRI-STAGE MAST
DRAWN: R.M.P.
DATE: 10-4-71
CHECKED
DATE
APPROVED
DATE
RELEASE NO.
LAYOUT OR REF. NO.
DWG. NO.
MAT'L.
SHEET
SCALE: NONE
SIZE: D
PART NO. 120931

SU G 0667(A)

Schaeff inc.

P.O. Box 1917 • Sioux City, IA 51102 •U.S.A.
1709 Hwy 20 •Sioux City, IA 51106 • U.S.A.
Phone (712) 944-5111 • FAX (712) 944-5115