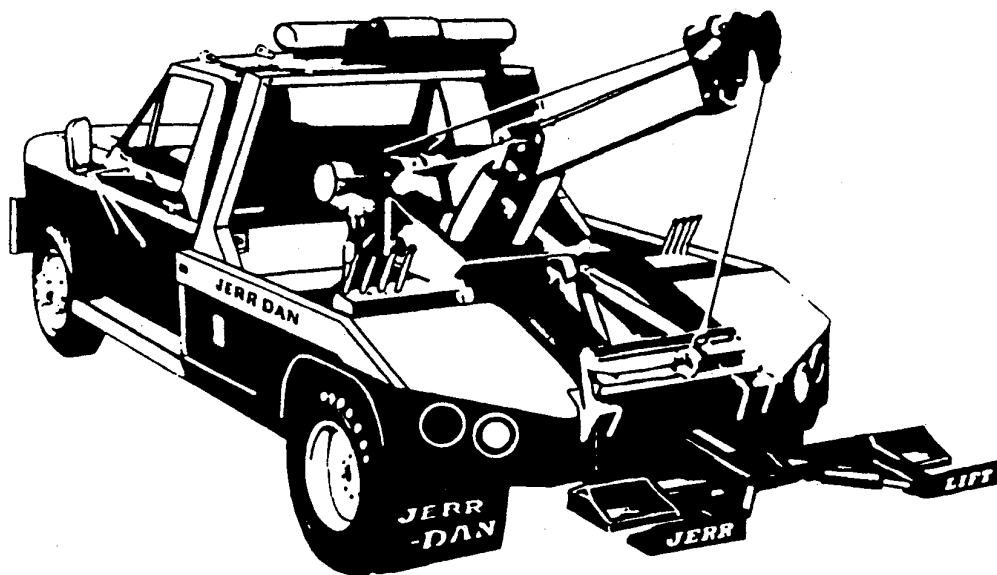


OWNER'S OPERATING & MAINTENANCE MANUAL



PARTS LIST — BODY ASSEMBLY

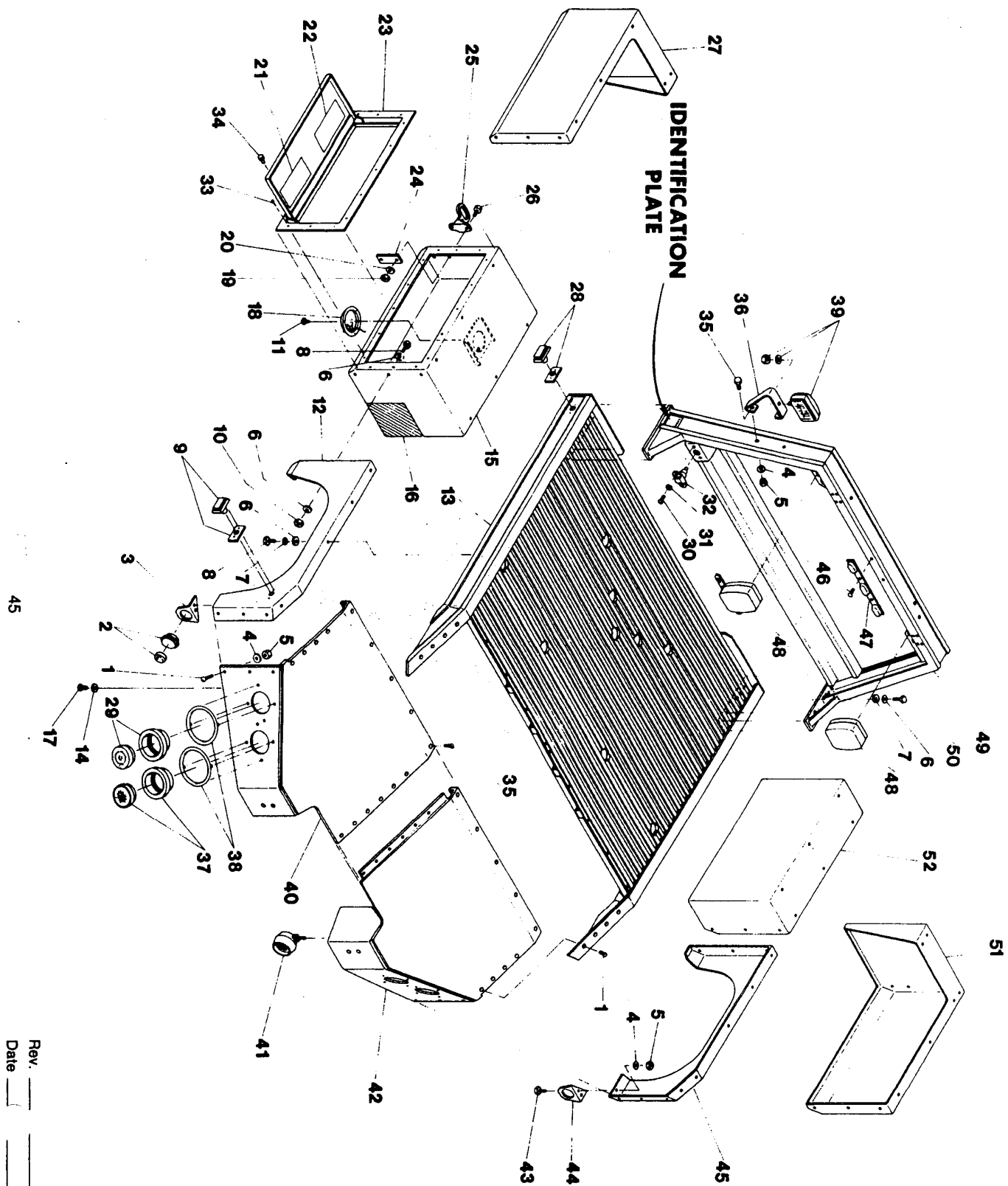
Ref. No.	Part No.	Description	Qty.
1	7-114-141223	Capscrew, Flat Head Hex Socket	20
2	A7-590-000009	Lamp Red Clearance w/Mounting Grommet	2
3	B4-178-000016	Clearance Lamp Bracket L.H.	1
4	7-950-140161	Flatwasher	38
5	7-660-142600	Locknut, Nylok	38
6	7-950-160161	Flatwasher	36
7	7-950-160000	Lockwasher	30
8	7-115-161050	Hex Head Bolt	24
9	A7-590-000004	Lamp, Side Marker "Red"	2
10	7-660-162601	Locknut	6
11	7-790-060676	Screw, Self-Tapping	6
12	D4-415-000002	Fender, L.H.	1
13	D3-510-300033	Deck	1
14	7-950-100003	Lockwasher	16
15	D3-899-000003	Toolbox (Chevrolet & G.M.C.)	1
16	D3-899-000002	Toolbox (Ford)	1
17	7-114-100410	Screw, Round Head	16
18	A7-590-000001	Work Lamp	2
19	7-660-152600	Locknut, Nylok	4
20	7-950-150161	Flatwasher	4
21	B7-330-000041	Lubrication Decal (Wheel Lift System)	1
	B7-330-000042	Lubrication Decal (Deck Mounted Winch)	1
	B7-330-000043	Lubrication Decal (Wrecker Boom)	1
22	B7-330-000040	Lubrication Decal (Wheel Lift System)	1
23	D3-455-000001	Door and Frame Assembly	2
24	A4-706-000030	Plate Back-Up	2
25	7-002-000011	Folding Step	2
26	7-111-151013	Screw, Truss Head Machine	4
27	D3-686-000001	Body Panel L.H. (Ford) (60" C.A.)	1
	D3-686-000010	Body Panel L.H. (84" C.A.)	
	D3-686-000003	Body Panel L.H. (Chevrolet & G.M.C.) (60" C.A.)	1
28	A7-590-000005	Lamp, Side Marker "Amber"	2
29	A7-590-000002	Stop, Tail, Turn Lamp w/Mounting Grommet	2
30	7-111-140613	Screw, Truss Head	2
31	7-950-140000	Lockwasher	2
32	7-291-000003	Connector, Trailer	1
33	A7-759-000001	Pop Rivet	32
34	A7-189-000007	Rubber Bumper	4
35	7-114-140823	Capscrew, Flat Head Hex Socket	14
36	B4-178-000015	Light Bracket	2
37	A7-590-000003	Back-Up Lamp w/Mounting Grommet	2

Rev. _____

Date _____

38	B4-754-000001	Tail Light Trim Ring	4
39	A7-590-000008	Work Light	2
40	D3-510-300045	Rear Tail Weldment L.H.	1
41	A7-590-000011	Work Lamp	2
42	D3-510-300046	Rear Tail Weldment R.H.	1
43	7-111-140850	Hex Head Bolt	4
44	B4-178-000017	Clearance Lamp Bracket	1
45	D4-415-000001	Fender R.H.	1
46	7-790-141056	Screw, Self-Tapping	2
47	A7-590-000007	Light Bar	1
48	3-555-581008	Stop Light	2
49	D3-510-150070	Cab Protector	1
50	7-115-160850	Hex Head Bolt	6
51	D3-686-000002	Body Panel R.H. (60" C.A.)	1
	D3-686-000011	Body Panel R.H. (84" C.A.)	
52	D3-899-000001	Tool Box R.H.	1

BODY ASSEMBLY



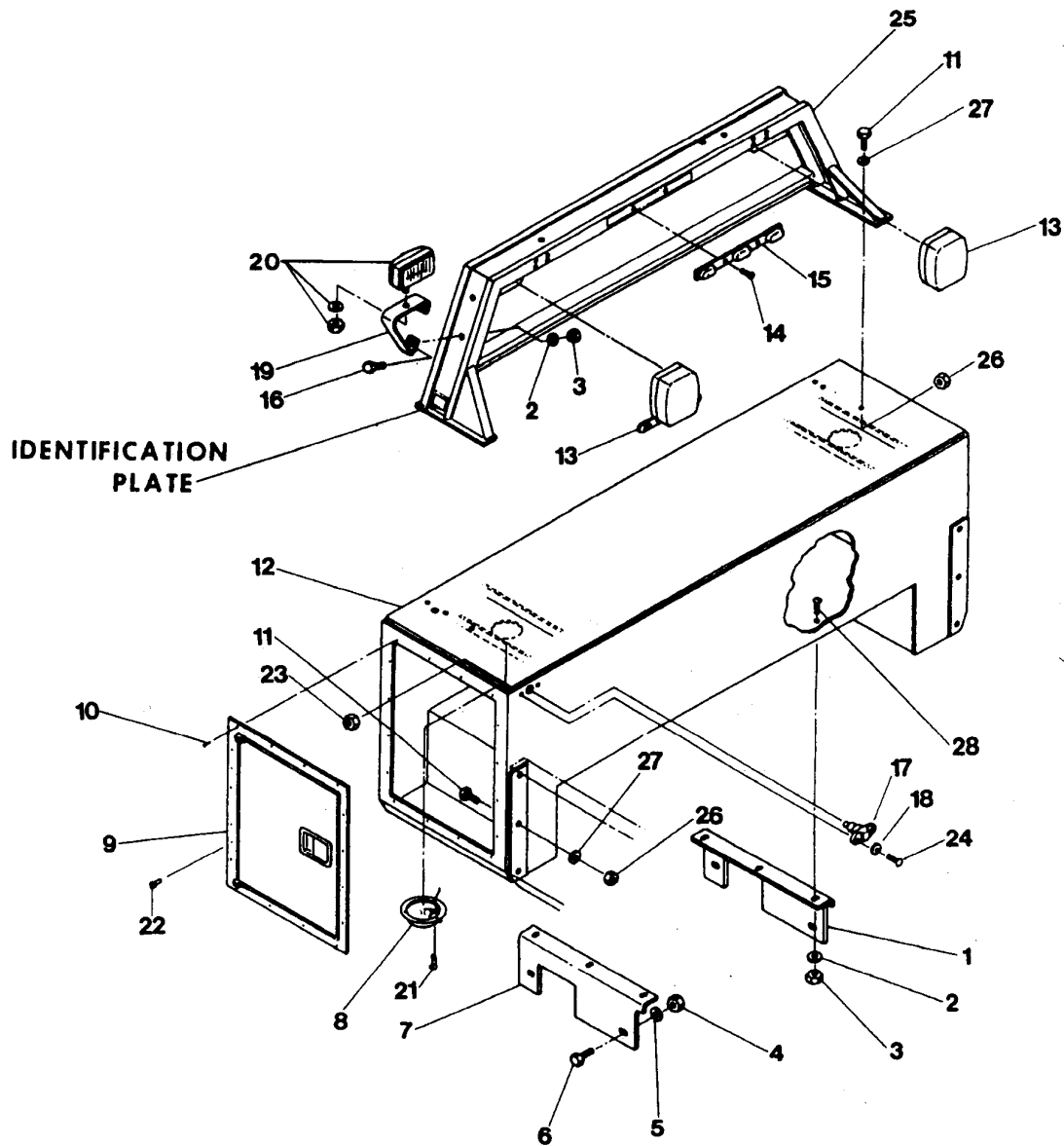
PARTS LIST — TUNNEL TOOL BOX

Ref. No.	Part No.	Description	Qty.
1	C4-017-000189	Angle R.H.	1
2	7-950-140161	Flatwasher	10
3	7-660-142600	Locknut ("Nylok")	10
4	7-660-182301	Locknut ("Flanged")	4
5	7-950-180161	Flatwasher	4
6	7-115-181450	Hex Head Capscrew	4
7	C4-017-000188	Angle, L.H.	1
8	A7-590-000001	Tool Box Light	2
9	D3-455-000003	Door and Frame Assembly	2
10	A7-759-000001	Rivet	32
11	7-115-161050	Hex Head Bolt	10
12	D3-899-000004	Tool Box Weldment	1
13	3-555-581008	Stop Light	2
14	7-790-141050	Screw, Self Tapping	2
15	A7-590-000007	Light Bar	1
16	7-114-140823	Capscrew Flat Head Hex Socket	4
17	7-291-000003	Trailer Connector	2
18	7-950-140000	Lockwasher	2
19	B4-178-000015	Light Bracket	2
20	A7-590-000008	Work Light	2
21	7-790-060676	Self Tapping Screw	6
22	A7-189-000007	Bumper, Rubber	4
23	7-660-140000	Nut, Hex	2
24	7-111-140613	Screw, Truss Head Machine	2
25	D3-241-000006	Cab Protector	1
26	7-115-161050	Hex Cap Screw	4
27	7-950-160161	Flatwasher	4
28	7-114-140818	Hex Socket Button Head Cap Screw	6

Rev. _____

Date _____

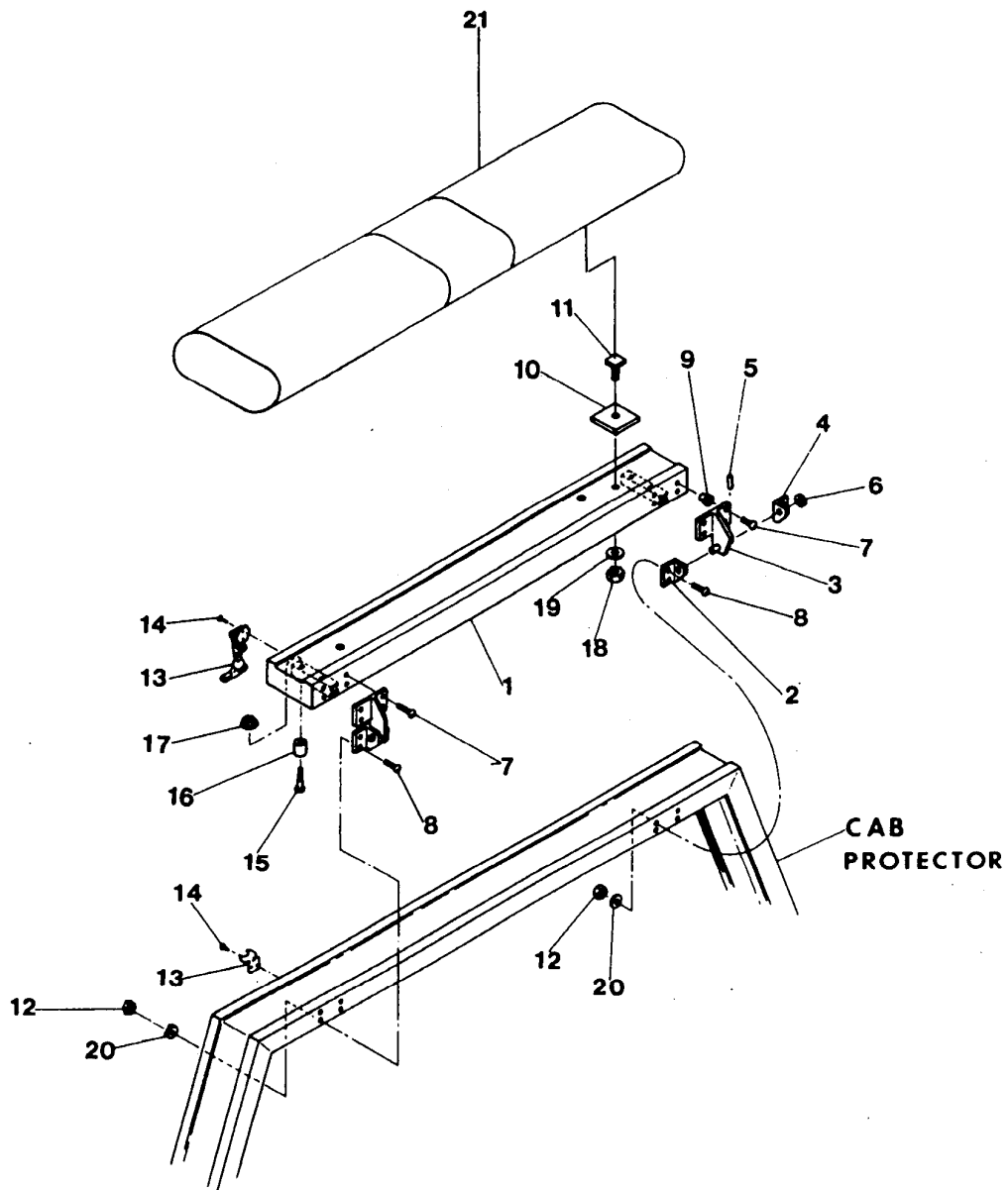
TUNNEL TOOL BOX



PARTS LIST — FOLD DOWN LIGHT BAR

Ref. No.	Part No.	Description	Qty.
1	C3-510-150025	Light Bar Weldment	1
2	B4-017-000129	Angle	2
3	B3-510-150080	Hinge Weldment	2
4	B4-017-000130	Angle	2
5	7-690-081441	Roll Pin	4
6	A7-949-000007	Flatwasher	4
7	7-114-140818	Screw, Button Head	8
8	7-114-141018	Screw, Button Head	8
9	A7-661-000006	Rubber, Well Nut	8
10	A4-706-000047	Spacer Plate	2
11	A3-413-000001	Light Bar Bolt	2
12	7-660-142600	Locknut, Nylok	8
13	A7-585-000001	Rubber Draw-Latch	2
14	A7-759-000002	Pop Rivet	8
15	7-111-101610	Screw, Round Head Machine	4
16	7-189-000001	Rubber Bumper	4
17	A7-661-000002	Nut w/Lockwasher	4
18	7-660-182601	Locknut, Nylok	2
19	7-950-180161	Flatwasher	2
20	7-950-140161	Flatwasher	8
21	A7-590-000008	Roof Bar Light	1

FOLD DOWN LIGHT BAR



PARTS LIST — SUBFRAME

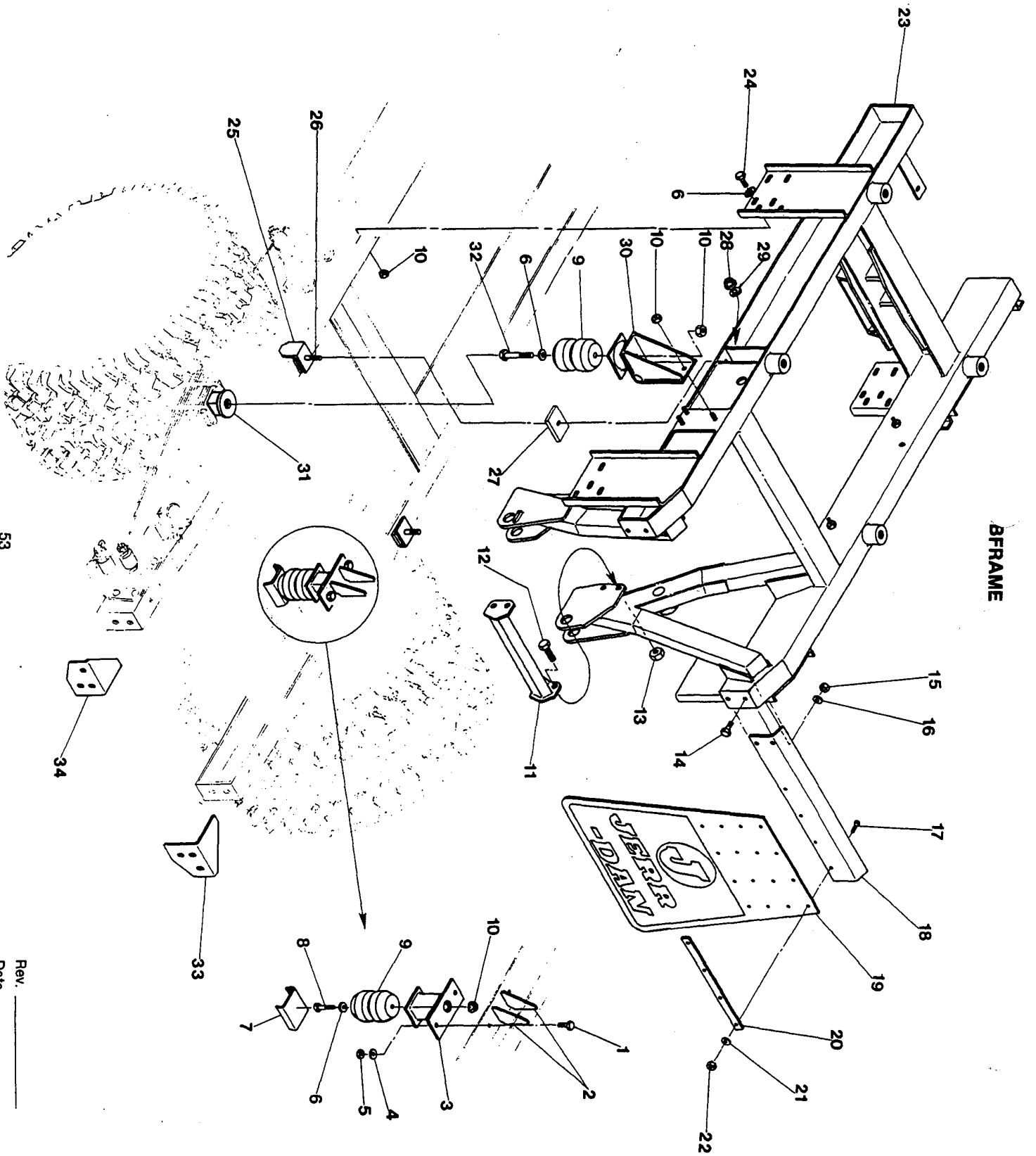
Ref. No.	Part No.	Description	Qty.
1	7-111-161050	Bolt, Hex Head	4
2	A4-497-000015	Gusset	4
3	3-831-000001	Spacer Weldment (Chevy — G.M.C. without Helper Springs) (G52)	2
	3-831-000002	Spacer Weldment (Chevy — G.M.C. w/Helper Springs) (G60)	2
	3-831-000005	Spacer Weldment (Chevy — G.M.C. 4 x 4)	2
4	7-950-160161	Flatwasher	4
5	7-660-162601	Locknut, Nylok	4
6	7-950-180161	Flat Washer	16
7	B4-706-000096	Mounting Plate	2
8	7-111-181850	Bolt, Hex Head	2
9	A7-189-000002	Rubber Bumper	2
10	7-660-182301	Locknut, Flanged	22
11	D3-510-700075	Brace Weldment	1
12	7-115-221650	Bolt, Hex Head	4
13	7-660-220001	Hex Nut	4
14	7-111-160650	Bolt, Hex Head	4
15	7-660-160000	Hex Nut	4
16	7-950-160000	Lockwasher	4
17	7-111-150850	Bolt, Hex Head	8
18	B4-178-000009	Mud Flap Bracket (L.H.)	1
	B4-178-000010	Mud Flap Bracket (R.H.)	1
19	D7-638-000001	Mud Flap	2
20	B4-706-000112	Back-Up Strip	2
21	7-950-150161	Flat Washer	16
22	7-660-152600	Locknut, Nylok	8
23	E3-510-700078	Subframe Weldment	1
24	7-115-181050	Bolt, Hex Head	12
25	A3-510-700010	Subframe Mount	2
26	7-115-201850	Bolt, Hex Head	2
27	A4-706-000001	Plate (Ford)	2
	A4-706-000071	Plate (Chevy — G.M.C.)	2
28	7-660-202601	Locknut, Nylok	2
29	7-950-200141	Flatwasher	2
30	C3-510-700011	Mounting Bracket (Fords w/Helper Springs and all Ford 4 x 4's)	2
	C3-510-700028	Mounting Bracket (Fords without Helper Springs)	2
31	3-831-000006	Spacer (All Fords)	2
32	7-115-181850	Bolt, Hex Head (Fords w/Helper Springs and all Ford 4 x 4's)	2
	7-115-183650	Bolt, Hex Head (Fords without Helper Springs)	2
33	4-178-000066	Mounting Bracket R.H. (Chevy — G.M.C.)	1

Rev. _____

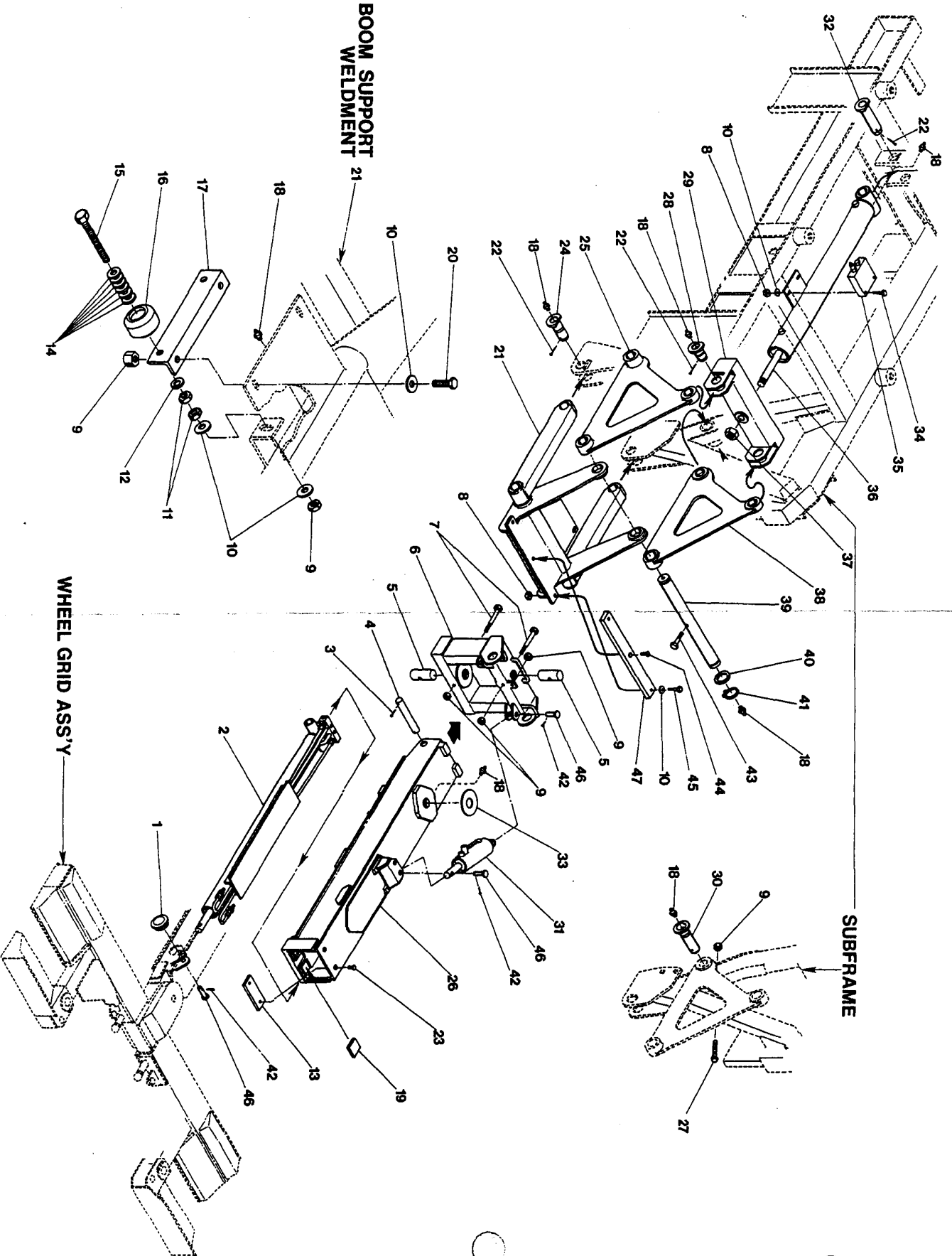
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34	B3-178-000035	Mounting Bracket Weldment R.H. (Ford)	1
	4-178-000065	Mounting Bracket L.H. (Chevy — G.M.C.)	1
	B3-178-000036	Mounting Bracket Weldment L.H. (Ford)	1

BFRAME



WHEEL LIFT ASSEMBLY



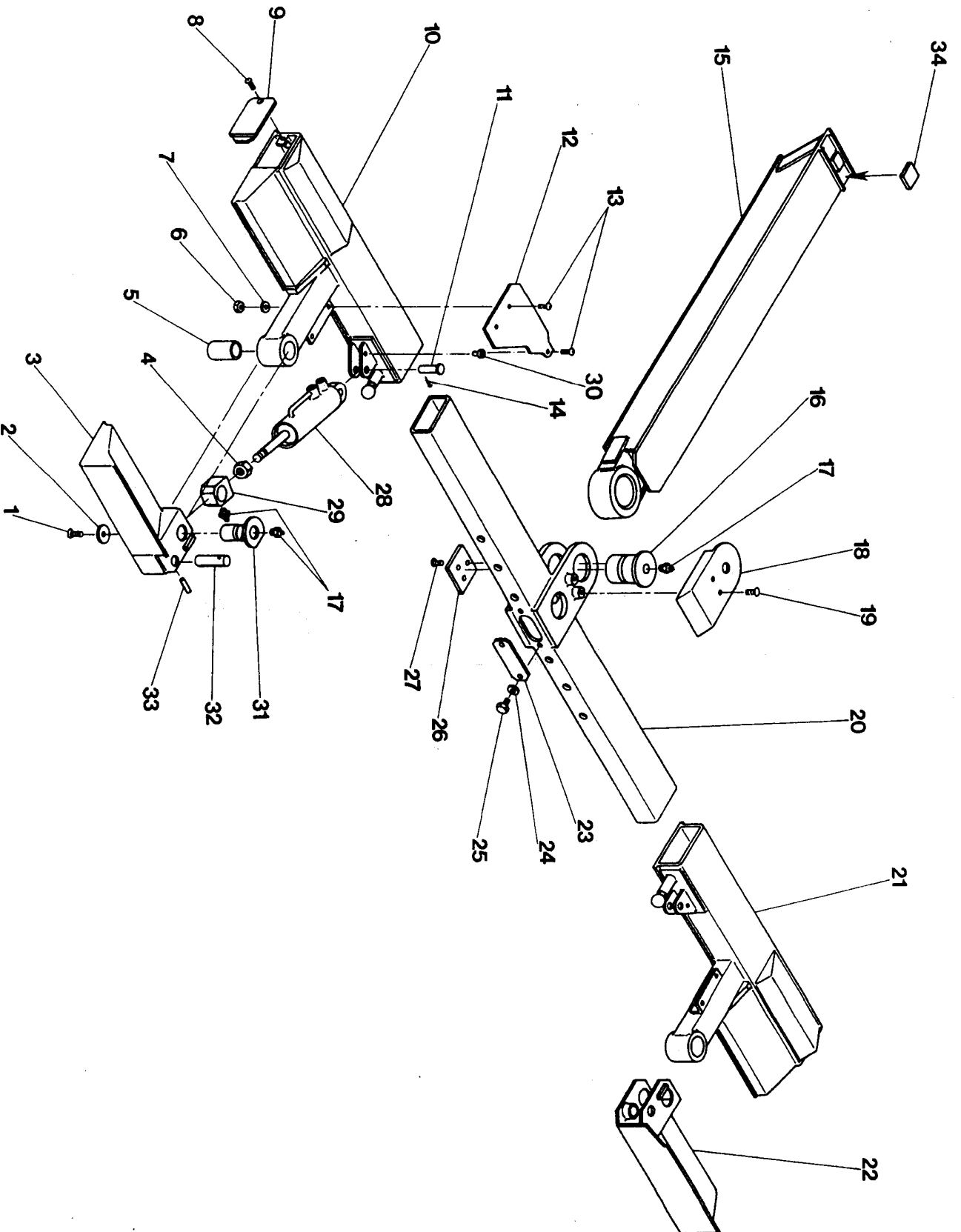
PARTS LIST — WHEEL LIFT ASSEMBLY

Ref. No.	Part No.	Description	Qty.
1	A4-701-000001	Hole Plug	2
2	C3-320-000003	Cylinder Assembly	1
3	7-690-052410	Cotter Pin	2
4	B4-691-000006	Pin	1
5	A4-691-000005	Pin	2
6	D3-510-100037	Pivot Boom Weldment	1
7	7-118-163650	Hex Head Bolt	2
8	7-660-152600	Hex Nut Nylok	5
9	7-660-162601	Hex Nut Nylok	9
10	7-950-150161	Flat Washer	8
11	7-660-160000	Hex Nut	4
12	7-950-160000	Lock Washer	2
13	A4-706-000067	Plate	1
14	7-950-160161	Flat Washer	12
15	A7-120-000004	Hex Head Bolt	2
16	A7-189-000003	Rubber Bumper	2
17	A4-017-000020	Angle	1
18	7-440-030000	Grease Fitting	12
19	A4-679-000002	Nylatron Pad	2
20	7-111-160850	Hex Head Bolt	2
21	D3-510-100019	Boom Support Weldment	1
22	7-690-103210	Cotter Pin	5
23	7-118-140423	Cap Screw	2
24	A3-691-000005	Pin Weldment	2
25	D3-510-100016	Arm Weldment L.H.	1
26	D3-510-100074	Base Section Boom Weldment	1
27	7-111-162450	Hex Head Bolt	2
28	A3-691-000007	Pin Weldment	2
29	C3-510-100073	Lift Cylinder Yoke Weldment	1
30	A3-691-000003	Pin Weldment	2
31	C3-320-000002	Cylinder Assembly	2
32	A3-691-000006	Pin Weldment	1
33	A4-679-000003	Nylatron Pad	1
34	7-111-151650	Hex Head Bolt	2
35	B7-935-000011	Valve	1
36	C3-320-000014	Cylinder Assembly	1
37	7-660-261630	Hex Nut Nylok	1
38	D3-510-100015	Arm Weldment R.H.	1
39	B4-691-000038	Pin	1
40	A4-949-000011	Flat Washer	2
41	A7-754-000014	Retaining Ring	2
42	7-690-051610	Cotter Pin	5
43	7-118-162050	Hex Head Bolt	1
44	7-118-150823	Cap Screw	1
45	7-111-151250	Hex Head Bolt	2
46	7-690-203200	Clevis Pin	5
47	B4-679-000001	Pad Nylatron	1

PARTS LIST — FLY BOOM AND WHEEL GRID ASSEMBLY

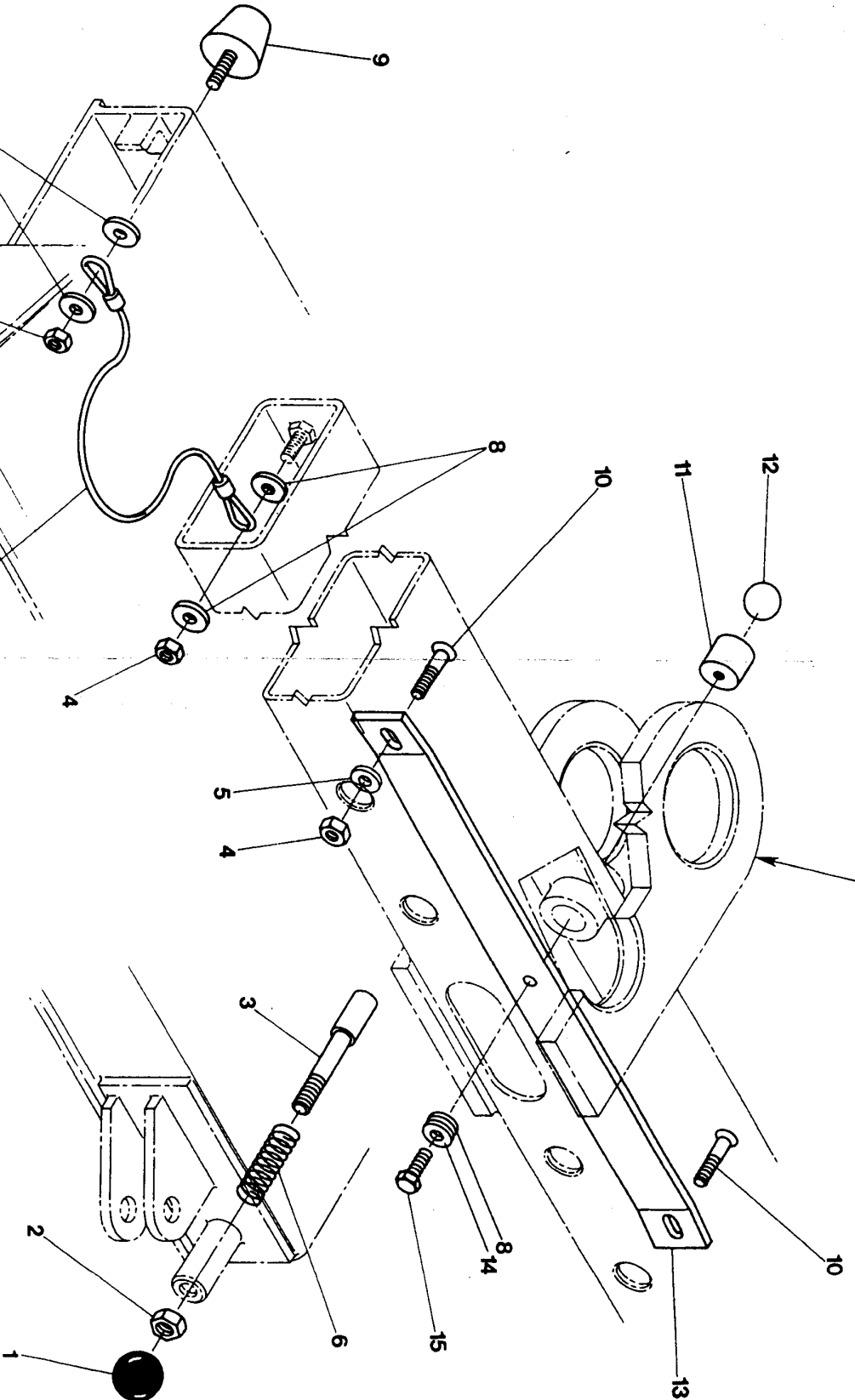
Ref. No.	Part No.	Description	Qty.
1	7-118-180820	Cap Screws	2
2	A4-949-000003	Washer	2
3	C3-510-880008	Arm Weldment L.H.	1
4	7-660-200230	Hex Jam Nut	2
5	A7-209-000007	Bronze Bushing	2
6	7-660-142600	Nylok Hex Nut	4
7	7-950-142161	Flat Washer	4
8	7-118-140423	Cap Screw	2
9	A3-510-880012	Cover Plate Weldment	2
10	D3-510-880014	Grid Weldment L.H.	1
11	7-690-203200	Clevis Pin	2
12	C4-706-000292	Cover Plate	2
13	7-114-140818	Cap Screw	6
14	7-690-051610	Cotter Pin	2
15	D3-510-100090	Boom Weldment Fly Section	1
16	B4-691-000048	Pin	1
17	7-440-030000	Grease Fitting	5
18	C4-314-000003	Cover Plate	1
19	7-118-160623	Cap Screw	2
20	C3-510-880002	Pivot Tube Weldment	1
21	D3-510-880013	Grid Weldment R.H.	1
22	C3-510-880007	Arm Weldment R.H.	1
23	A4-314-000002	Cover Plate	1
24	7-950-140000	Lock Washer	2
25	7-111-140650	Hex Head Bolt	2
26	B4-706-000310	Plate	1
27	7-118-180820	Cap Screw	3
28	C3-320-000001	Cylinder Assembly	2
29	A4-606-000002	Lug	2
30	A7-661-000004	Well Nut, Rubber	2
31	A3-691-000001	Pin Weldment	2
32	A4-691-000003	Pin	2
33	7-690-102445	Roll Pin	2
34	A4-679-000002	Nylatron Pad	2

FLY BOOM AN. /HEEL GRID ASSEMBLY



CROSS BAR ASSEMBLY

PIVOT WELDMENT



GRID WELDMENT

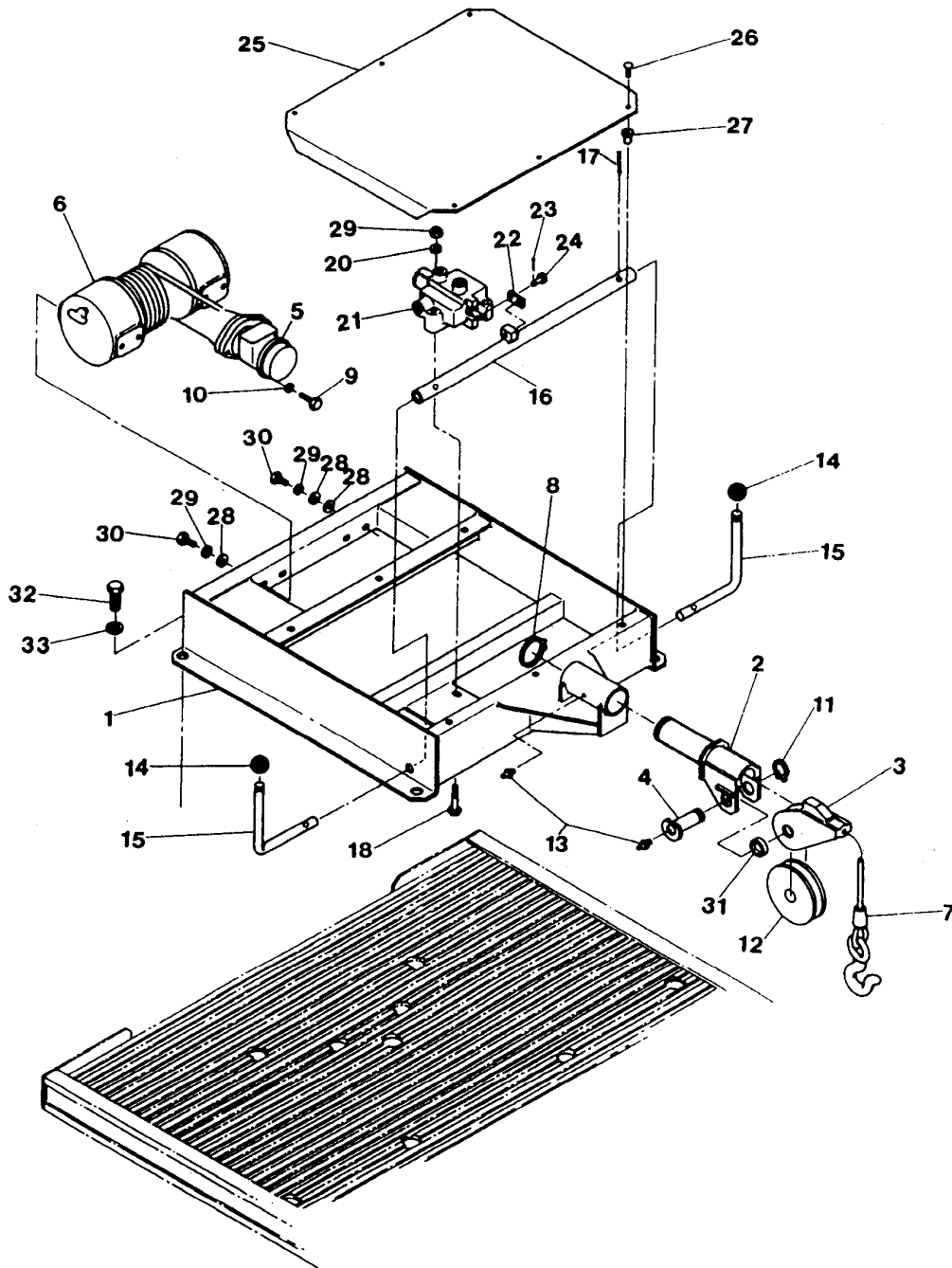
PARTS LIST — CROSS BAR ASSEMBLY

Ref. No.	Part No.	Description	Qty.
1	A7-551-000001	Ball Knob	2
2	7-660-170230	Hex Jam Nut	2
3	A4-691-000002	Pin	2
4	7-660-152600	Nylok Hex Nut	6
5	7-950-150161	Flat Washer	2
6	A7-843-000002	Compression Spring	2
7	A7-248-000002	Cable Assembly	2
8	7-950-140161	Flat Washer	9
9	A7-189-000005	Rubber Bumper	2
10	7-118-151223	Cap Screw	2
11	A4-691-000004	Pin	1
12	A7-056-000001	Steel Ball	1
13	B7-843-000001	Leaf Spring	1
14	7-950-140000	Lock Washer	1
15	7-111-140650	Hex Head Bolt	1

PARTS LIST — DECK MOUNTED WINCH

Ref. No.	Part No.	Description	Qty.
1	D3-510-900040	Winch Mount Weldment	1
2	C3-510-900069	Sheave Support Weldment	1
3	B3-510-900068	Cable Guide Weldment	1
4	A3-691-000002	Pin Weldment	1
5	A7-626-000003	Motor, Hydraulic	1
6	A7-970-000002	Winch	1
7	A7-248-000001	Cable Assembly	1
8	A7-754-000005	Ring, Retaining	1
9	7-111-181050	Bolt, Hex Head	2
10	7-950-180400	Washer, Lock	2
11	A7-754-000006	Ring, Retaining	1
12	A7-809-000001	Sheave	1
13	7-440-030000	Fitting, Grease	2
14	A7-551-000001	Knob, Ball	2
15	B4-763-000011	Rod, Control	2
16	B3-510-900041	Pivot Shaft Weldment	1
17	7-690-101645	Pin, Roll	2
18	7-111-162050	Bolt, Hex Head	3
19	7-660-162601	Nut, Hex Nylok	3
20	7-950-160161	Washer, Flat	3
21	A7-935-000002	Valve, Directional	1
22	A4-706-000084	Plate	2
23	7-690-000810	Pin, Cotter	2
24	7-690-141600	Pin, Clevis	2
25	C4-314-000004	Cover Plate	1
26	7-114-140823	Screw, Cap	6
27	A7-661-000006	Well-Nut	6
28	7-950-160161	Washer, Flat	10
29	7-950-160000	Washer, Lock	8
30	7-115-160850	Bolt, Hex Head	8
31	A4-209-000019	Bushing	2
32	7-115-241250	Bolt, Hex Head	4
33	7-950-240000	Washer, Lock	4

DECK MOUNTED WINCH



PARTS LIST — SINGLE WINCH WRECKER BOOM

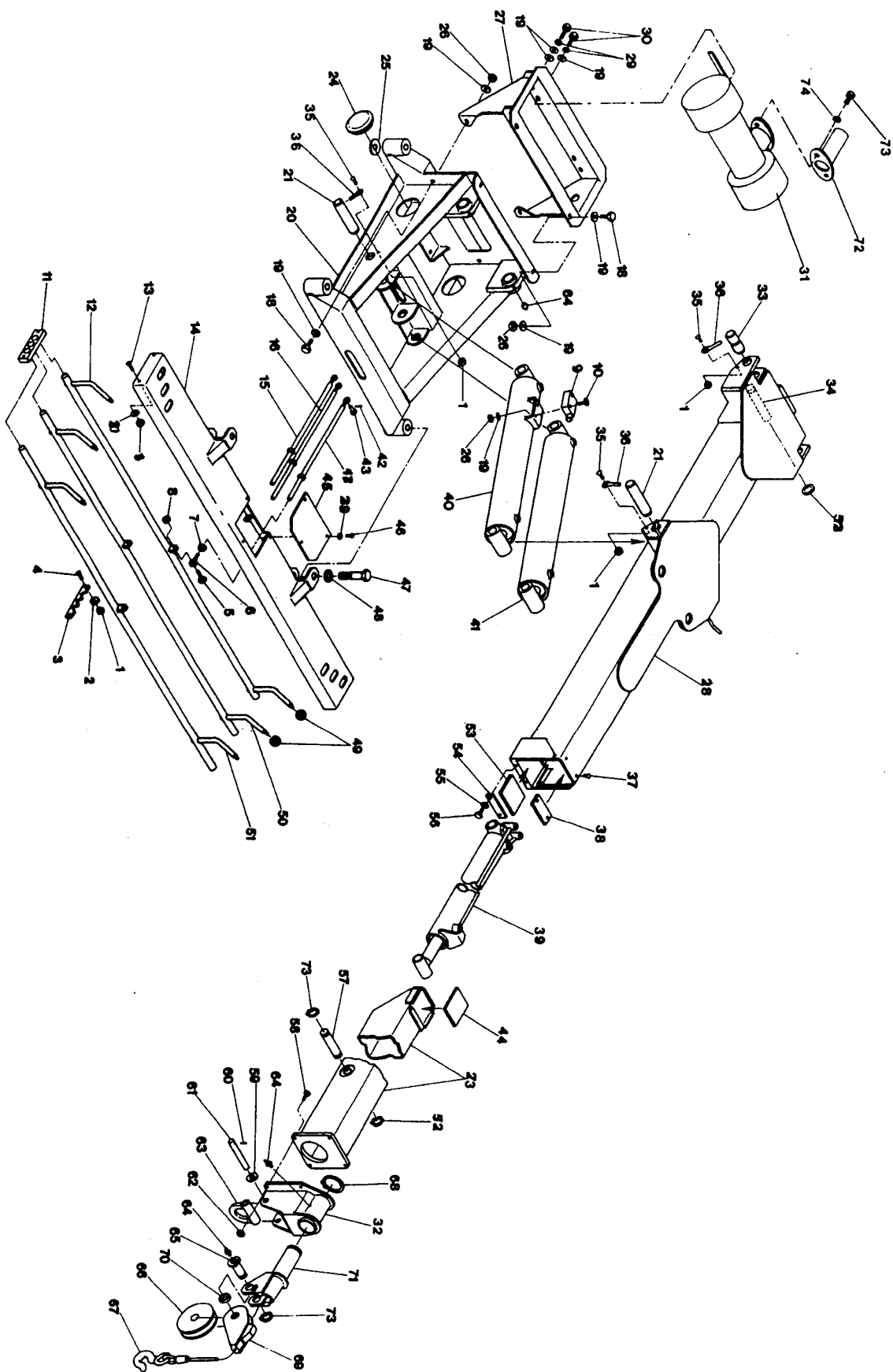
Ref. No.	Part No.	Description	Qty.
1	7-660-152600	Lock Nut	14
2	7-950-150161	Flat Washer	8
3	A4-679-000009	Bearing Pad	1
4	7-111-150813	Truss Head Machine Screw	2
5	7-111-140850	Hex Head Bolt	3
6	A7-765-000001	Rod End	3
7	7-660-140230	Hex Jam Nut	3
8	7-660-142600	Lock Nut	3
9	A7-935-000001	Valve, Counterbalance	1
10	7-111-151650	Bolt, Hex Head	2
11	A4-679-000007	Bearing Pad	2
12	D3-551-000005	Control Handle Weldment	1
13	7-111-151213	Truss Head Machine Screw	4
14	D3-510-100055	Control Channel Weldment	1
15	3-763-000005	Rod Weldment	1
16	3-763-000006	Rod Weldment	1
17	3-763-000004	Rod Weldment	1
18	7-115-161050	Hex Head Bolt	4
19	7-950-160161	Flat Washer	20
20	D3-510-100052	Base Weldment	1
21	B4-691-000029	Pin	4
22	7-950-140000	Lockwasher	3
23	D3-510-100060	Wrecker Boom Fly Section	1
24	A7-701-000006	Hole Plug	2
25	A4-949-000009	Washer	2
26	7-660-162601	Hex Locknut, Nylok	4
27	D3-510-100050	Single Winch Mount Weldment	1
28	D3-510-100062	Wrecker Boom Base Section	1
29	7-950-160000	Lock Washer	8
30	7-115-160850	Hex Head Bolt	8
31	A7-970-000005	Winch	1
32	D3-510-100058	Boom Nose Weldment	1
33	B4-691-000030	Pin	2
34	4-691-000028	Pin	1
35	7-118-151223	Cap Screw	6
36	A4-691-000036	Pin Retainer	6
37	7-118-140423	Cap Screw	2
38	A4-706-000067	Plate	1
39	D3-320-000007	Ext. Cylinder Assembly	1
40	D3-320-000012	Cylinder, Lift R.H.	1
41	D3-320-000011	Cylinder, Lift L.H.	1
42	7-690-000810	Cotter Pin	3
43	7-690-141200	Clevis Pin	3
44	A4-679-000005	Wear Pad	1
45	4-314-000008	Cover Plate	1
46	7-111-140613	Truss Head Screw	3
47	7-115-244050	Hex Head Bolt	4
48	7-950-240161	Flat Washer	4
49	A7-551-000001	Ball Knob	6
50	3-551-000006	Control Handle Weldment	1

Rev. _____

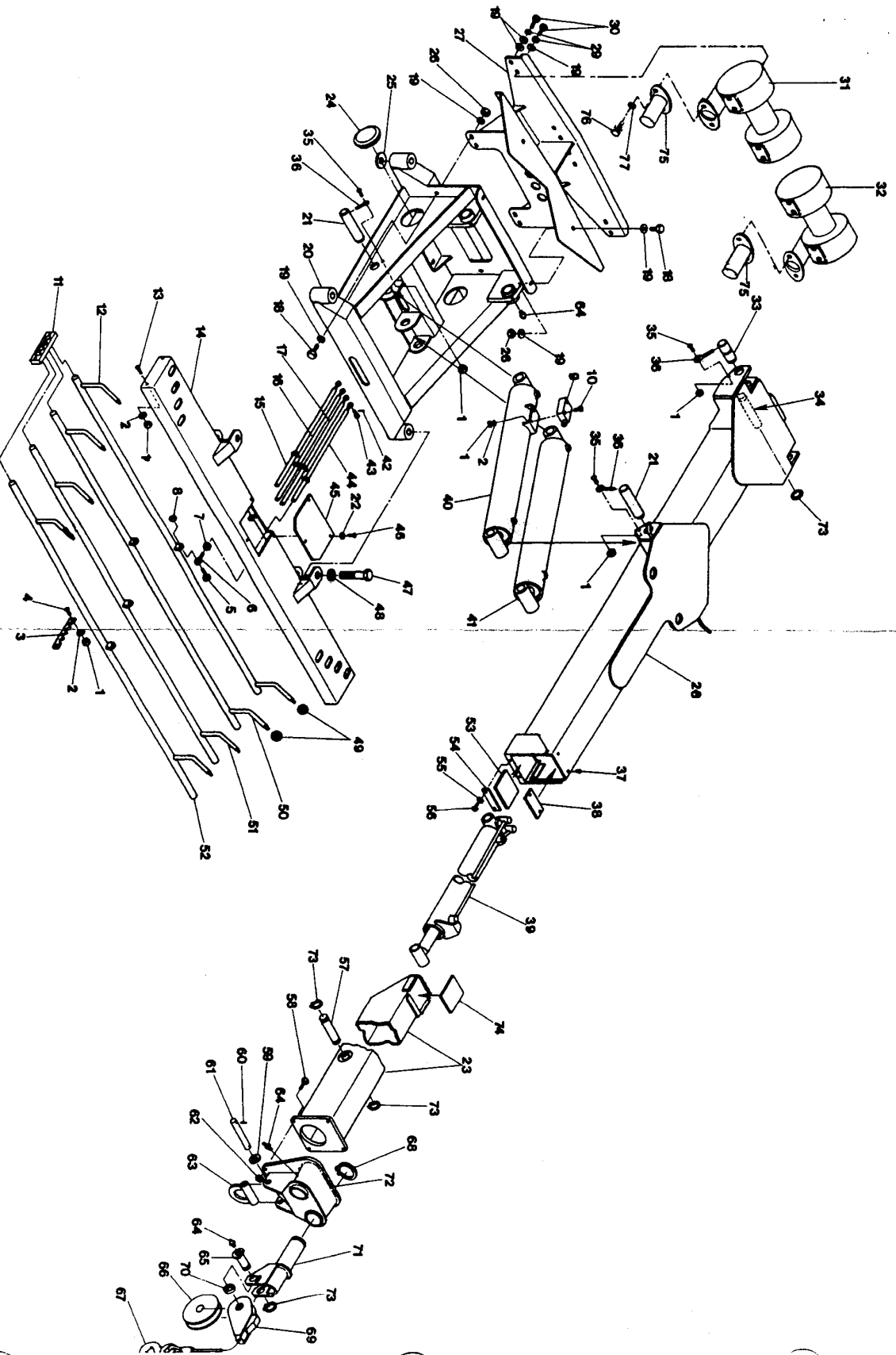
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51	3-551-000007	Control Handle Weldment	1
52	A7-754-000006	Retaining Ring	6
53	A4-679-000004	Wear Pad	1
54	A4-706-000160	Plate	1
55	7-950-180000	Lock Washer	2
56	7-115-180850	Hex Head Bolt	2
57	4-691-000027	Pin	1
58	7-115-181450	Hex Head Bolt	4
59	7-950-220141	Flatwasher	2
60	7-690-102045	Roll Pin	2
61	A4-691-000026	Pin	1
62	7-660-182600	Lock Nut	4
63	A3-510-100057	Lug Weldment	1
64	7-440-030000	Grease Fitting	4
65	A3-691-000002	Pin Weldment	1
66	A7-809-000001	Sheave	1
67	A7-248-000003	Cable Assy.	1
68	A7-754-000005	Retaining Ring	1
69	B3-510-900068	Cable Guide Weldment	1
70	A4-209-000019	Bushing	2
71	C3-510-900069	Sheave Support Weldment	1
72	A7-626-000003	Motor, Hydraulic	1
73	7-111-181050	Hex Head Bolt	2
74	7-950-180400	Lockwasher	2

SINGLE WINCH WRECKER BOOM



DUAL WINCH WRECKER BOOM



PARTS LIST — DUAL WINCH WRECKER BOOM

Ref. No.	Part No.	Description	Qty.
1	7-660-152600	Lock Nut	14
2	7-950-150161	Flatwasher	8
3	A4-679-000010	Bearing Pad	1
4	7-111-150813	Truss Head Machine Screw	2
5	7-111-140850	Hex Head Bolt	4
6	A7-765-000001	Rod End	4
7	7-660-140230	Hex Jam Nut	4
8	7-660-142600	Lock Nut	4
9	A7-935-000001	Valve, Counterbalance	1
10	7-111-151650	Bolt, Hex Head	2
11	A4-679-000008	Bearing Pad	2
12	D3-551-000005	Control Handle Weldment	1
13	7-111-151213	Truss Head Machine Screw	4
14	D3-510-100055	Control Channel Weldment	1
15	3-763-000005	Rod Weldment	1
16	3-763-000007	Rod Weldment	1
17	3-763-000006	Rod Weldment	1
18	7-115-161050	Hex Head Bolt	6
19	7-950-160161	Flat Washer	32
20	D3-510-100052	Base Weldment	1
21	B4-691-000029	Pin	4
22	7-950-140000	Lockwasher	3
23	D3-510-100060	Wrecker Boom Fly Section	1
24	A7-701-000006	Hole Plug	2
25	A4-949-000009	Washer	2
26	7-660-162601	Hex Locknut, Nylok	6
27	D3-510-100051	Dual Winch Mount Weldment	1
28	D3-510-100062	Wrecker Boom Base Section	1
29	7-950-160000	Lock Washer	16
30	7-115-160850	Hex Head Bolt	16
31	A7-970-000005	Winch L.H.	1
32	A7-970-000004	Winch R.H.	1
33	B4-691-000030	Pin	2
34	4-691-000028	Pin	1
35	7-118-151223	Cap Screw	6
36	A4-691-000036	Pin Retainer	6
37	7-118-140423	Cap Screw	2
38	A4-706-000067	Plate	1
39	D3-320-000007	Ext. Cylinder Assembly	1
40	D3-320-000012	Cylinder, Lift R.H.	1
41	D3-320-000011	Cylinder, Lift L.H.	1
42	7-690-000810	Cotter Pin	4
43	7-690-141200	Clevis Pin	4
44	3-763-000004	Rod Weldment	1
45	4-314-000008	Cover Plate	1
46	7-111-140613	Truss Head Screw	3
47	7-115-244050	Hex Head Bolt	4
48	7-950-240161	Flat Washer	4
49	A7-551-000001	Ball Knob	8
50	3-511-000006	Control Handle Weldment	1

Rev. _____

Date _____

51	3-551-000007	Control Handle Weldment	1
52	3-551-000008	Control Handle Weldment	1
53	A4-679-000004	Wear Pad	1
54	A4-706-000160	Plate	1
55	7-950-180000	Lock Washer	2
56	7-115-180850	Hex Head Bolt	2
57	4-691-000027	Pin	1
58	7-115-181450	Hex Head Bolt	4
59	7-950-220141	Flat Washer	2
60	7-690-102045	Roll Pin	2
61	A4-691-000026	Pin	1
62	7-660-182600	Lock Nut	4
63	A3-510-100057	Lug Weldment	1
64	7-440-030000	Grease Fitting	6
65	A3-691-000002	Pin Weldment	2
66	A7-809-000001	Sheave	2
67	A7-248-000003	Cable Assembly	2
68	A7-754-000005	Retaining Ring	2
69	B3-510-900068	Cable Guide Weldment	2
70	A4-209-000019	Bushing	4
71	C3-510-900069	Sheave Support Weldment	2
72	D3-510-100059	Boom Nose Weldment	1
73	A7-754-000006	Retaining Ring	6
74	A4-679-000005	Wear Pad	1
75	A7-626-000003	Motor, Hydraulic	2
76	7-111-181050	Hex Head Bolt	4
77	7-950-180400	Lock Washer	4

PARTS LIST — TOW SLING ASSEMBLY

Ref. No.	Part No.	Description	Qty.
1	A7-804-000001	Shackle, Anchor	1 or 2
2	B4-706-000254	Plate, Anchor	1
3	B3-178-000026	Anchor Plate Weldment	1
4	A4-706-000253	Plate	2
5	9-259-870002	Casting, Swivel	1
6	9-706-870001	Plate, Skid	1
7	9-902-870002	Bottom Anchor Weldment	1
8	A7-822-000003	Belt, Sling	2
9	7-111-161250	Bolt, Hex Head	6
	7-660-161603	Nut, Lock	6
10	7-101-222850	Bolt, Hex Head	2
	7-660-221630	Nut, Lock	2
11	A7-822-000005	Hold Back Bar Assembly	2
12	7-105-222450	Bolt, Hex Head	2
	7-660-221630	Nut, Lock	2
13	9-691-870006	Pin, Roll	4
14	9-843-870007	Spring, Lock Pin	1
15	9-551-870007	Handle, Lock	1
16	9-691-870007	Plunger, Lock	1
17	9-071-870001	Barrel, Lock	1
18*	9-551-870008	Handle Assembly	2
19	9-706-000002	Saddle	1
20	A7-691-000009	Pin, Hitch	2
21	B3-309-000002	U-Joint Weldment	2
22	A7-822-000007	Bracket, Body	4
23	A7-262-000010	Chain Assembly	2
24	7-111-163250	Bolt, Hex Head	6
	7-660-161603	Nut, Lock	6
25	7-115-181450	Bolt, Hex Head	8
	7-660-182301	Nut, Flanged Lock	8
	7-950-180201	Washer, Flat	8
26*	A7-822-000004	Bottom Anchor Assembly	1

* — Handle assembly (18) contains two each of 13,
one each of 14, 15, 16 & 17.

* — Bottom anchor assembly (26) contains one each of 5, 6, & 7.

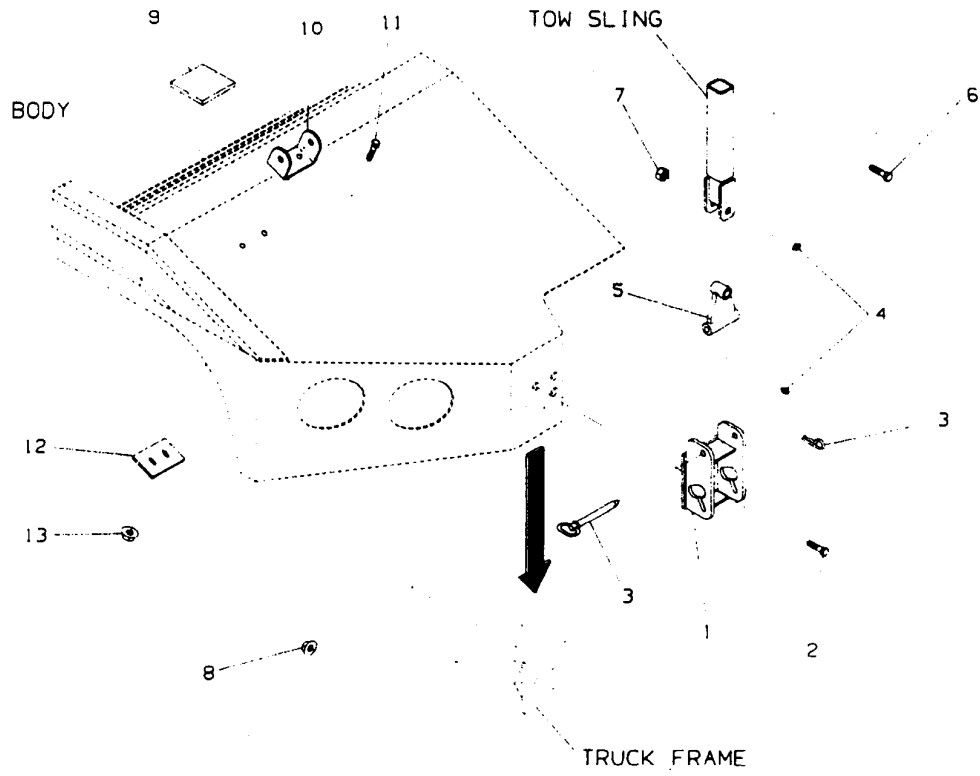
This diagram illustrates the exploded view of a mechanical assembly, featuring 28 numbered components. The main structure consists of a rectangular frame (2) with a top plate (9) and a base plate (11). A central vertical component (3) is shown with a top flange (1) and a bottom flange (6). A central vertical rod (5) passes through the frame, with a central nut (26) and a central pin (6). A central vertical pin (19) is also shown. Two diagonal rods (10) connect the base plate to the top plate. Two vertical rods (12) are attached to the base plate. Two vertical rods (13) are attached to the top plate. Two vertical rods (14) are attached to the base plate. Two vertical rods (15) are attached to the top plate. Two vertical rods (16) are attached to the base plate. Two vertical rods (17) are attached to the top plate. Two vertical rods (18) are attached to the base plate. Two vertical rods (20) are attached to the top plate. Two vertical rods (21) are attached to the base plate. Two vertical rods (22) are attached to the top plate. Two vertical rods (23) are attached to the base plate. Two vertical rods (24) are attached to the top plate. Two vertical rods (25) are attached to the base plate. Two vertical rods (26) are attached to the top plate.

PARTS LIST — TOW SLING INSTALLATION

Ref. No.	Part No.	Description	Qty.
1	C3-178-000066	L.H. Tow Sling Bracket	1
	C3-178-000067	R.H. Tow Sling Bracket	1
2	7-115-181450	Hex Head Bolt	6
3	A7-691-000009	Hitch Pin w/Hair Pin	2
4	7-440-030000	Grease Fitting	4
5	B3-309-000003	U-Joint Weldment	2
6	7-105-222450	Hex Head Bolt	2
7	7-660-221630	Locknut	2
8	7-660-182301	Flanged Locknut	6
9	A7-679-000013	Rubber Pad	2
*10	B4-178-000109	Storage Bracket	2
*11	7-115-181450	Hex Head Bolt	4
*12	B4-706-000347	Back-Up Plate	2
*13	7-660-182301	Flanged Locknut	4
*14	7-262-000012	Safety Chains	2

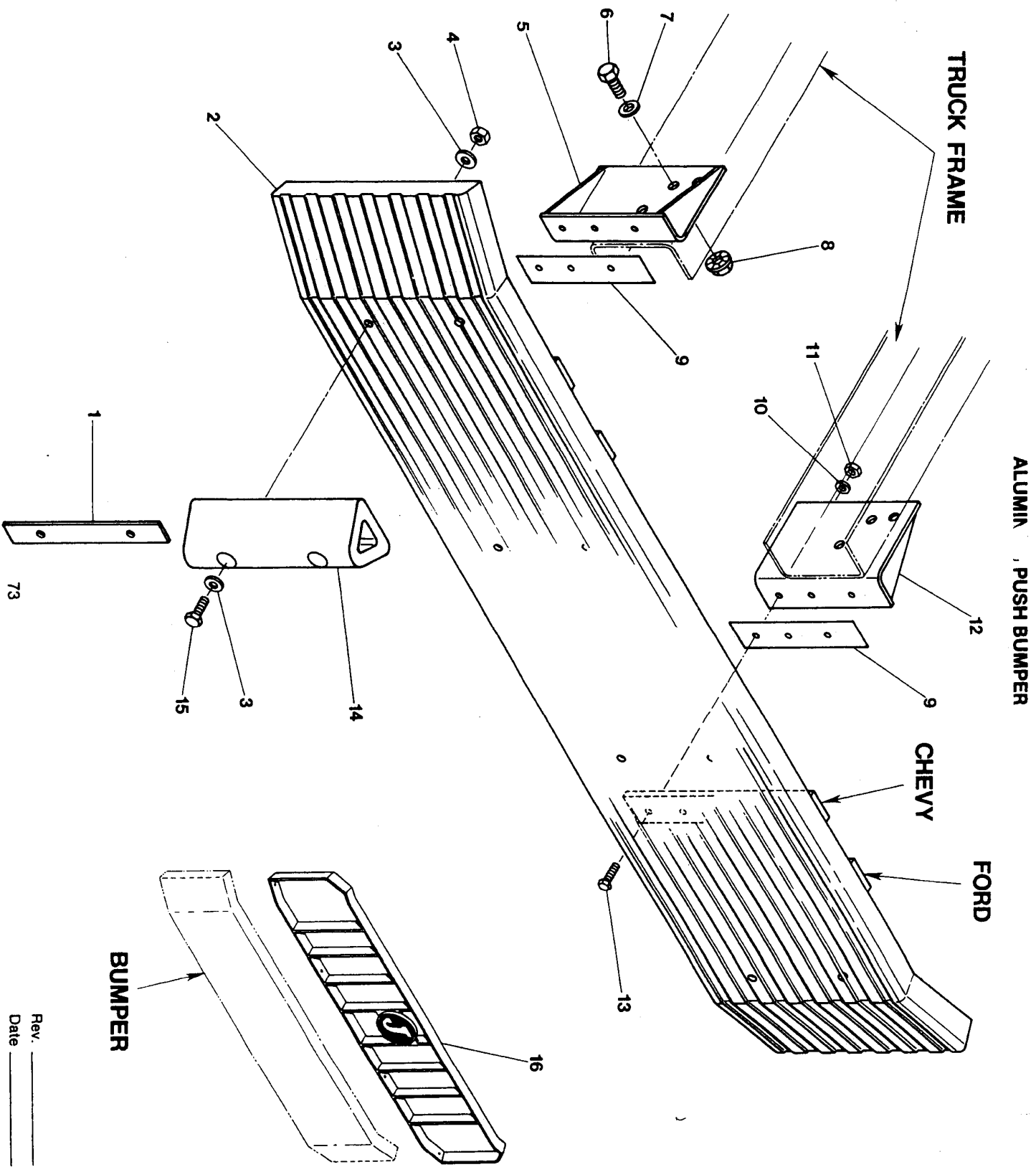
* Items indicated are optional equipment.

TOW SLING INSTALLATION

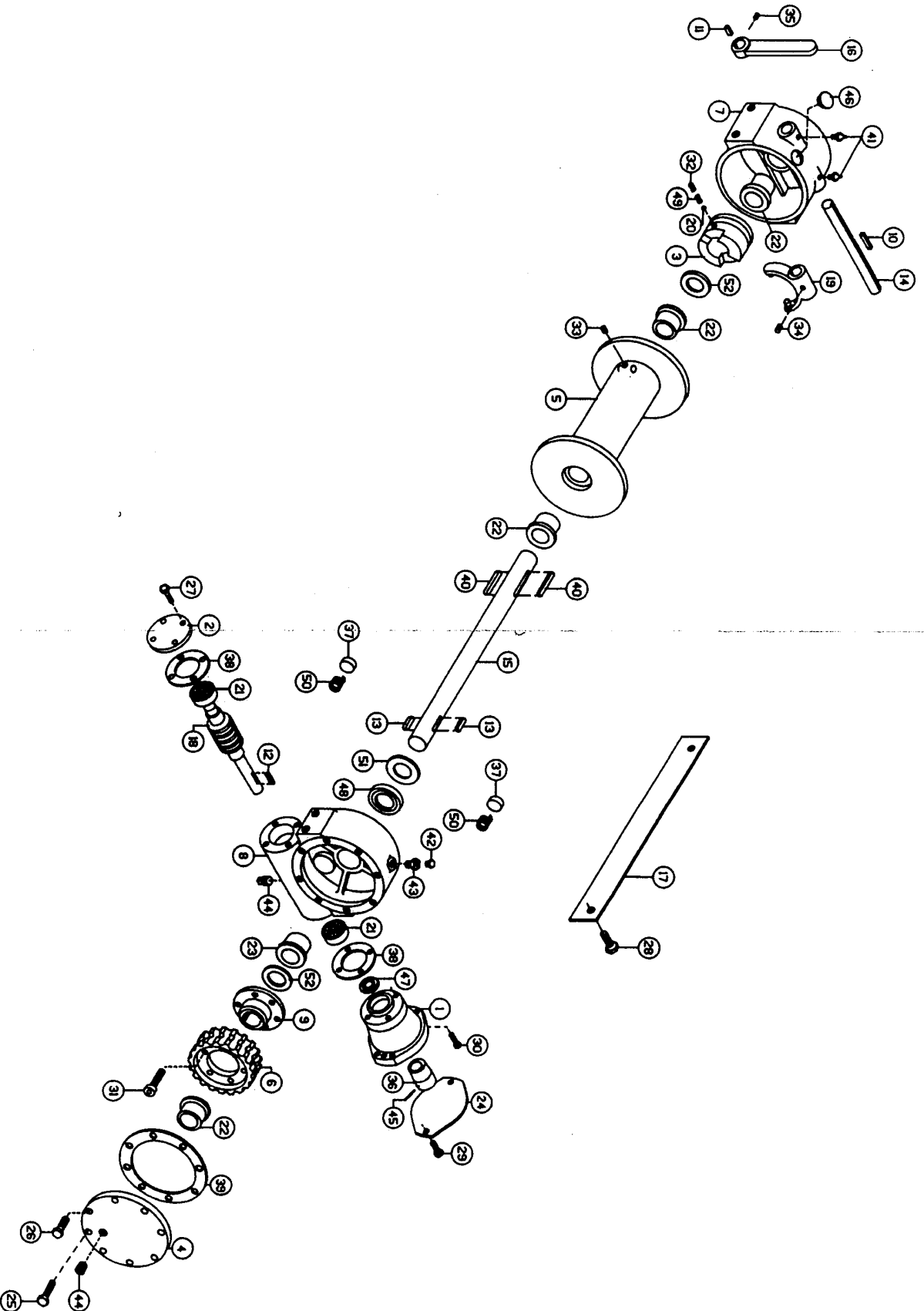


PARTS LIST — ALUMINUM PUSH BUMPER

Ref. No.	Part No.	Description	Qty.
1	A4-706-000205	Mounting Bar	4
2	D3-190-000002	Bumper	1
3	7-660-180161	Flat Bar	16
4	7-660-182301	Hex Nut, Flanged	8
5	B3-178-000014	Frame Bracket L.H. (Chevy)	1
	B3-178-000012	Frame Bracket L.H. (Ford)	1
	C3-178-000030	Frame Bracket L.H. (Ford 4 x 4)	1
6	7-105-201450	Hex Head Bolt	4
7	7-950-200161	Washer	4
8	7-660-202331	Hex Nut, Flanged	4
9		Insulator	
10	7-950-160161	Flatwasher	6
11	7-660-162601	Hex Nut	6
12	B3-178-000015	Frame Bracket R.H. (Chevy)	1
	B3-178-000013	Frame Bracket R.H. (Ford)	1
	C3-178-000031	Frame Bracket R.H. (Ford 4 x 4)	1
13	7-115-161250	Hex Head Bolt	6
14	A7-189-000004	Rubber Bumper	4
15	7-115-181450	Hex Head Capscrew	8
16	D3-495-000001	Grill Guard (Ford & Chevy — 2 x 4)	1
	D3-495-000002	Grill Guard (Ford 4 x 4)	1



RAMSEY WINCH #121704



PARTS LIST — RAMSEY WINCH 121704

Ref. No.	Part No.	Description	Qty.
1	300057	Adapter	1
2	316083	Bearing Cap	1
3	324161	Jaw Clutch	1
4	328105	Cover	1
5	332105	Drum	1
6*	334004	Gear R.H. 60:1	1
7	338003	Housing — Clutch	1
8	338237	Housing — Gear	1
9*	340071	Hub — Gear	1
10	342019	Key	1
11	342024	Key	1
12	342027	Key	1
13	342075	Key	2
14	356902	Shaft — Shift	1
15	357463	Shaft — Drum — "Std."	1
16	358052	Lever — Shift	1
17	364017	Strap — Shipping	1
18	368007	Worm R.H. 60:1	1
19	370001	Yoke	1
20	400001	Ball — Poppet	1
21	402002	Bearing — Ball	2
22	412003	Bushing	4
23	412045	Bushing	1
24	413013	Cover — Adapter	1
25	414020	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5 Nylok Hvy. Patch	1
26	414038	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5	7
27	414045	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5	4
28	414230	Capscrew ¾-16NCx½ Lg.	2
29	414521	Capscrew ½-13NCx1 Lg.	2
30	414842	Capscrew ¼-20NCx1¾ Lg. Soc. Hd. Lok-Wel.	4
31*	414889	Capscrew 5/16-18NCx¾ Lg. Soc. Hd. (Torx Hd. Sems Unit)	6
32	416040	Setscrew 5/16-18NCx¼ Lg. Hx. Soc. Hd. Cup Pt.	1
33	416059	Setscrew ¾-16NCx½ Lg. Hx. Soc. Hd. Cup Pt.	1
34	416084	Setscrew ¼-20NCx½ Lg. Sq. Hd. Cup Pt.	1
35	416112	Setscrew 5/16-18NCx¾ Lg. Sq. Hd. Cup Pt.	1
36	431008	Coupling	1
37	438014	Disc — Brake	2
38	442184	Gasket	2
39	442188	Gasket	1
40	450006	Key — Barth	2
41	456006	Fitting — Lube	2

42	456008	Fitting — Relief	1
43	468002	Reducer	1
44	468011	Plug — Pipe	2
45	470033	Spirol Pin	1
46	472013	Plug — Plastic	1
47	486009	Oil Seal	1
48	486017	Oil Seal	1
49	494001	Spring	1
50	494002	Spring	2
51	518014	Thrust Washer	1
52	518015	Thrust Washer	2

NOTE — Items marked with an asterisk (*) cannot be purchased as individual parts. These parts are factory set and sold as an assembly only. Gear/hub assembly part number is 250501 R.H. 60:1.

PARTS LIST — RAMSEY WINCH 121705

Ref. No.	Part No.	Description	Qty.
1	300057	Adapter	1
2	316083	Bearing Cap	1
3	324161	Jaw Clutch	1
4	328105	Cover	1
5	332105	Drum	1
6*	334004	Gear R.H. 60:1	1
7	338003	Housing — Clutch	1
8	338237	Housing — Gear	1
9*	340071	Hub — Gear	1
10	342019	Key	1
11	342024	Key	1
12	342027	Key	1
13	342075	Key	2
14	356902	Shaft — Shift	1
15	357463	Shaft — Drum — "Std."	1
16	358052	Lever — Shift	1
17	364017	Strap — Shipping	1
18	368007	Worm R.H. 60:1	1
19	370001	Yoke	1
20	400001	Ball — Poppet	1
21	402002	Bearing — Ball	2
22	412003	Bushing	4
23	412045	Bushing	1
24	413013	Cover — Adapter	1
25	414020	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5 Nylok Hvy. Patch	1
26	414038	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5	7
27	414045	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5	4
28	414230	Capscrew ⅜-16NCx½ Lg.	2
29	414521	Capscrew ½-13NCx1 Lg.	2
30	414842	Capscrew ¼-20NCx1¼ Lg. Soc. Hd. Lok-Wel	4
31*	414889	Capscrew 5/16-18NCx¾ Lg. Soc. Hd. (Torx Hd. Sems Unit)	6
32	416040	Setscrew 5/16-18NCx¼ Lg. Hx. Soc. Hd. Cup Pt.	1
33	416059	Setscrew ⅜-16NCx½ Lg. Hx. Soc. Hd. Cup Pt.	1
34	416084	Setscrew ¼-20NCx½ Lg. Sq. Hd. Cup Pt.	1
35	416112	Setscrew 5/16-18NCx¾ Lg. Sq. Hd. Cup Pt.	1
36	431008	Coupling	1
37	438014	Disc — Brake	2
38	442184	Gasket	2
39	442188	Gasket	1
40	450006	Key — Barth	2
41	456006	Fitting — Lube	2

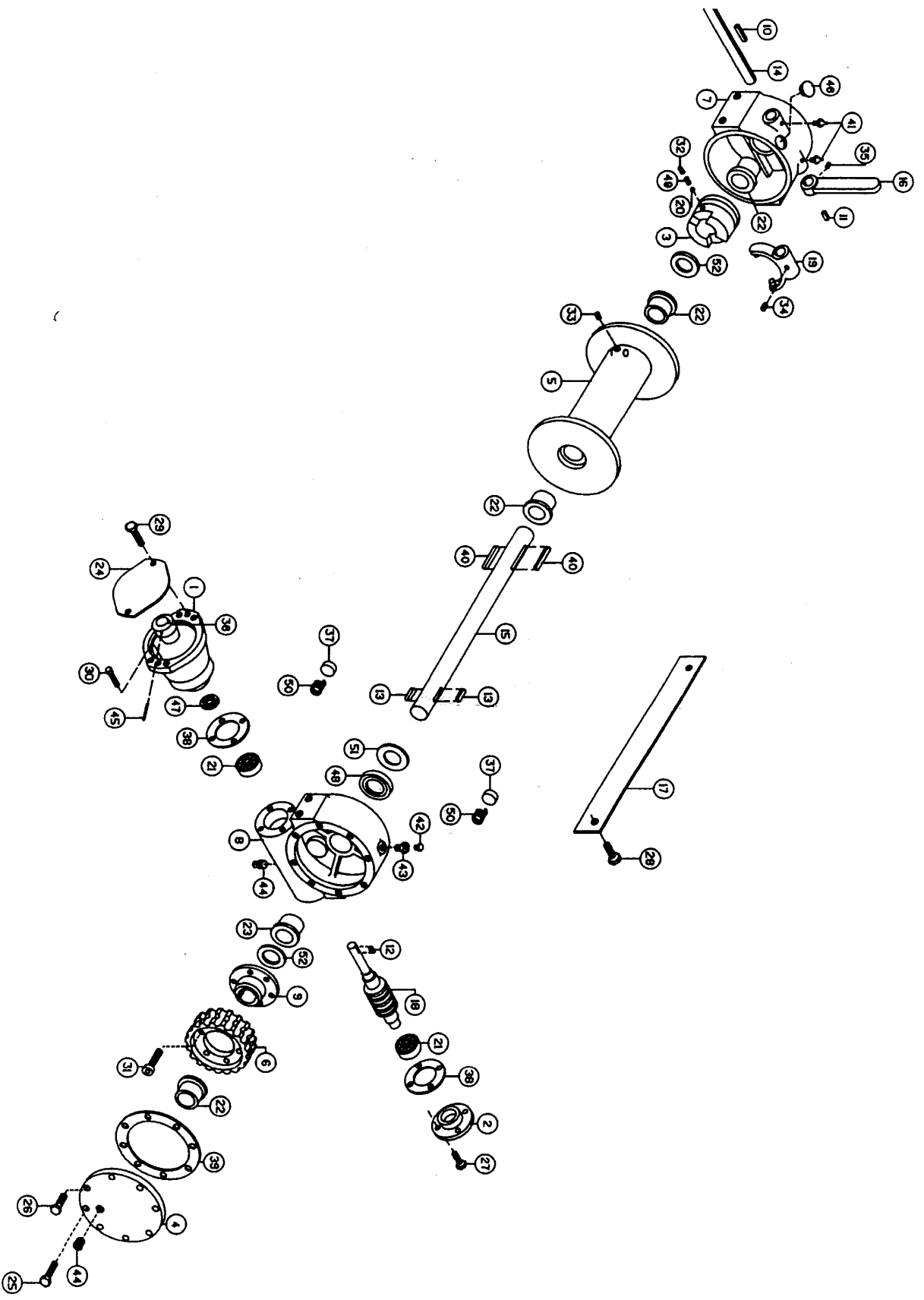
Rev. _____

Date _____

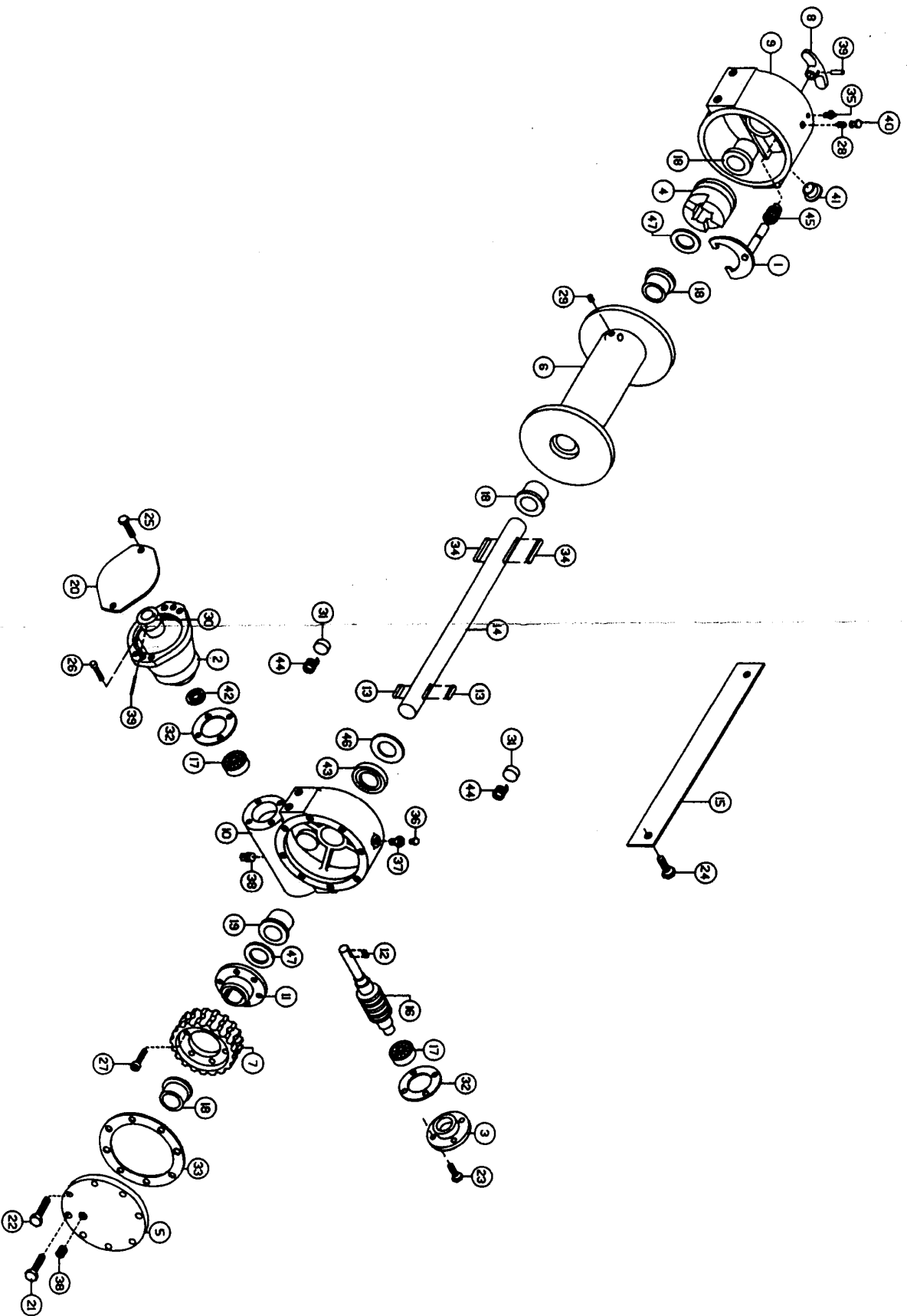
42	456008	Fitting — Relief	1
43	468002	Reducer	1
44	468011	Plug — Pipe	2
45	470033	Spirol Pin	1
46	472013	Plug — Plastic	1
47	486009	Oil Seal	1
48	486017	Oil Seal	1
49	494001	Spring	1
50	494002	Spring	2
51	518014	Thrust Washer	1
52	518015	Thrust Washer	2

NOTE — Items marked with an asterisk (*) cannot be purchased as individual parts. These parts are factory set and sold as an assembly only. Gear/hub assembly part number is 250501 R.H. 60:1.

RAM, WINCH #121705



RAMSEY WINCH #121696



PARTS LIST — RAMSEY WINCH 121696

Ref. No.	Part No.	Description	Qty.
1	276028	Shifter Assembly	1
2	300057	Adapter	1
3	316083	Bearing Cap	1
4	324160	Jaw Clutch	1
5	328105	Cover	1
6	332007	Drum — "Y"	1
7*	334004	Gear R.H. 60:1	1
8	336010	Handle	1
9	338208	Housing — Clutch	1
10	338237	Housing — Gear	1
11*	340071	Hub — Gear	1
12	342027	Key	1
13	342075	Key	2
14	357464	Shaft — Drum — "Y"	1
15	364018	Shipping Strap	1
16	368007	Worm R.H. 60:1	1
17	402002	Bearing — Ball	2
18	412003	Bushing	4
19	412045	Bushing	1
20	413013	Cover — Adapter	1
21	414020	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5 Nylok Hvy. Patch	1
22	414038	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5	7
23	414045	Capscrew ¼-20NCx¾ Lg. Hx. Hd. Gr.5	4
24	414230	Capscrew ¾-16NCx½ Lg. Hx. Hd.	2
25	414521	Capscrew ½-13NCx1 Lg. Hx. Hd.	2
26	414842	Capscrew ¼-20NCx1¾ Lg. Soc. Hd. Lok-Wel	4
27*	414889	Capscrew 5/16-18NCx¾ Lg. Soc. Hd. (Torx Hd. Sems Unit)	6
28	416030	Setscrew ¼-20NCx¾ Soc. Hd. Less	1
29	416059	Setscrew ¾-16NCx½ Soc. Hd. Less	1
30	431008	Coupling	1
31	438014	Disc — Brake	2
32	442184	Gasket	2
33	442188	Gasket	1
34	450006	Key — Barth	2
35	456001	Fitting — Lube	1
36	456008	Fitting — Relief	1
37	468002	Reducer	1
38	468011	Pipe Plug	2
39	470033	Spirol Pin	2
40	472012	Plug — Rubber	1
41	472013	Plastic Plug	1

Rev. _____

Date _____

42	486009	Oil Seal	1
43	486017	Oil Seal	1
44	494002	Spring	2
45	494053	Spring	1
46	518014	Thrust Washer	1
47	518015	Thrust Washer	2

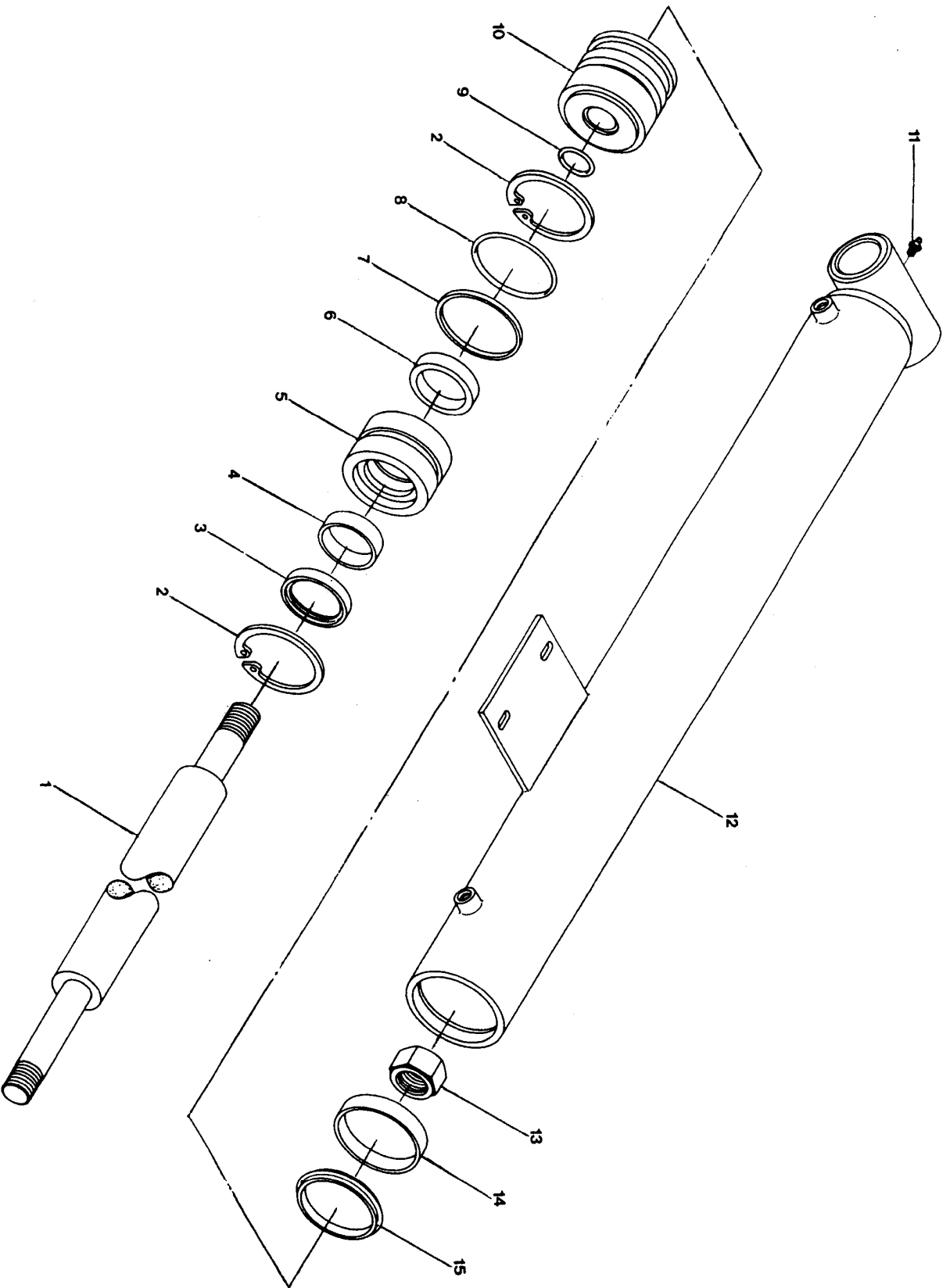
NOTE — Items marked with an asterisk (*) cannot be purchased as individual parts. These parts are factory set and sold as an assembly only. Gear/hub assembly part number is 250501 R.H. 60:1.

PARTS LIST — WHEEL LIFT LIFT CYLINDER

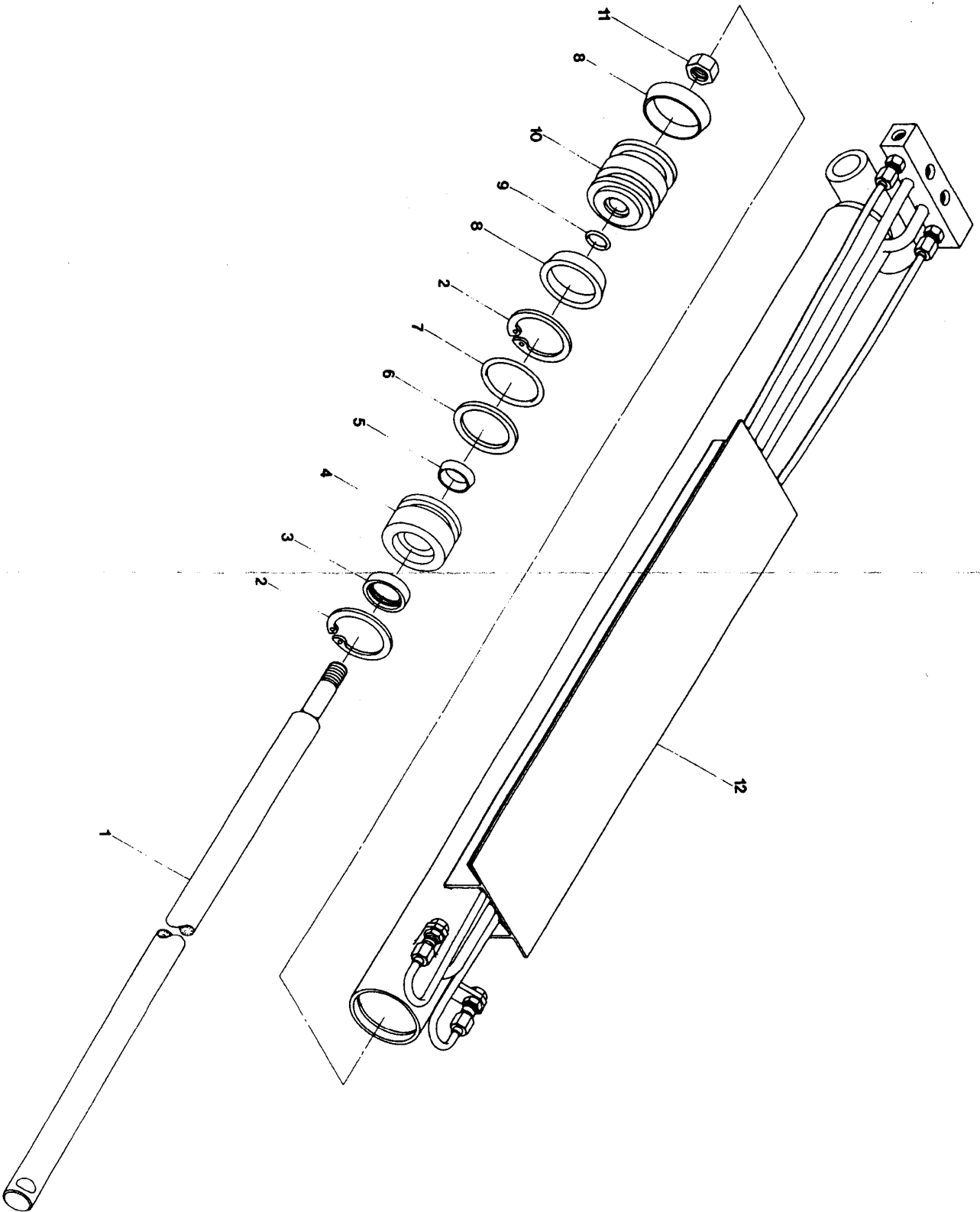
Ref. No.	Part No.	Description	Qty.
1	B4-763-000033	Cylinder Rod	1
2	A7-754-000002	Retaining Ring	2
3	A7-796-000008*	Rod Wiper Seal	1
4	A7-754-000004*	Wear Ring	1
5	B4-553-000002	Head	1
6	A7-796-000007*	Seal	1
7	7-755-334609*	Back-Up Ring	1
8	7-755-334000*	"O" Ring	1
9	7-755-214000*	"O" Ring	1
10	B4-698-000002	Piston	1
11	7-440-030000	Grease Fitting	1
12	C3-071-000013	Barrel Weldment	1
13	7-660-261630	Hex Locknut	1
14	A7-754-000003*	Wear Ring	1
15	A7-796-000006*	Piston Seal	1

* — Available only in Service Kit No. 9-577-250008

WHEEL LIFT LIFT CYLINDER



WHEEL LIFT EXTENSION CYLINDER



PARTS LIST — WHEEL LIFT EXTENSION CYLINDER

Ref. No.	Part No.	Description	Qty.
1	B4-763-000006	Cylinder Rod	1
2	A4-754-000001	Retaining Ring	2
3	A7-796-000005*	Rod Wiper Seal	1
4	B4-553-000001	Head	1
5	A7-796-000004*	Rod Seal	1
6	7-755-327609*	Back-Up Ring	1
7	7-755-327000*	"O" Ring	1
8	A7-796-000007*	Seal	2
9	7-755-208000*	"O" Ring	1
10	B4-698-000001	Piston	1
11	7-660-201631	Locknut	1
12	D3-071-000003	Barrel Weldment	1

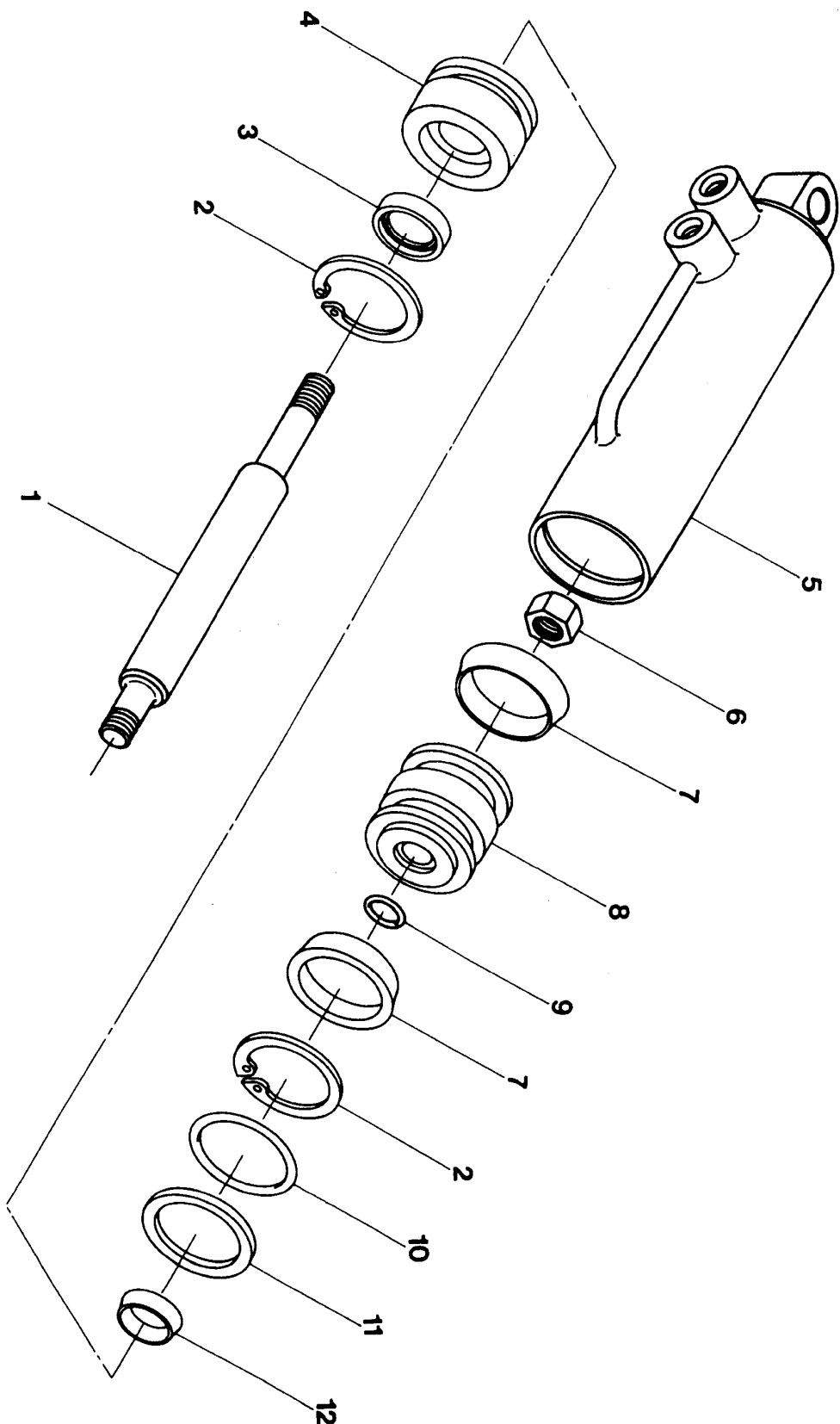
* — Available only in Service Kit No. 9-577-250009

PARTS LIST — WHEEL LIFT GRID CYLINDER

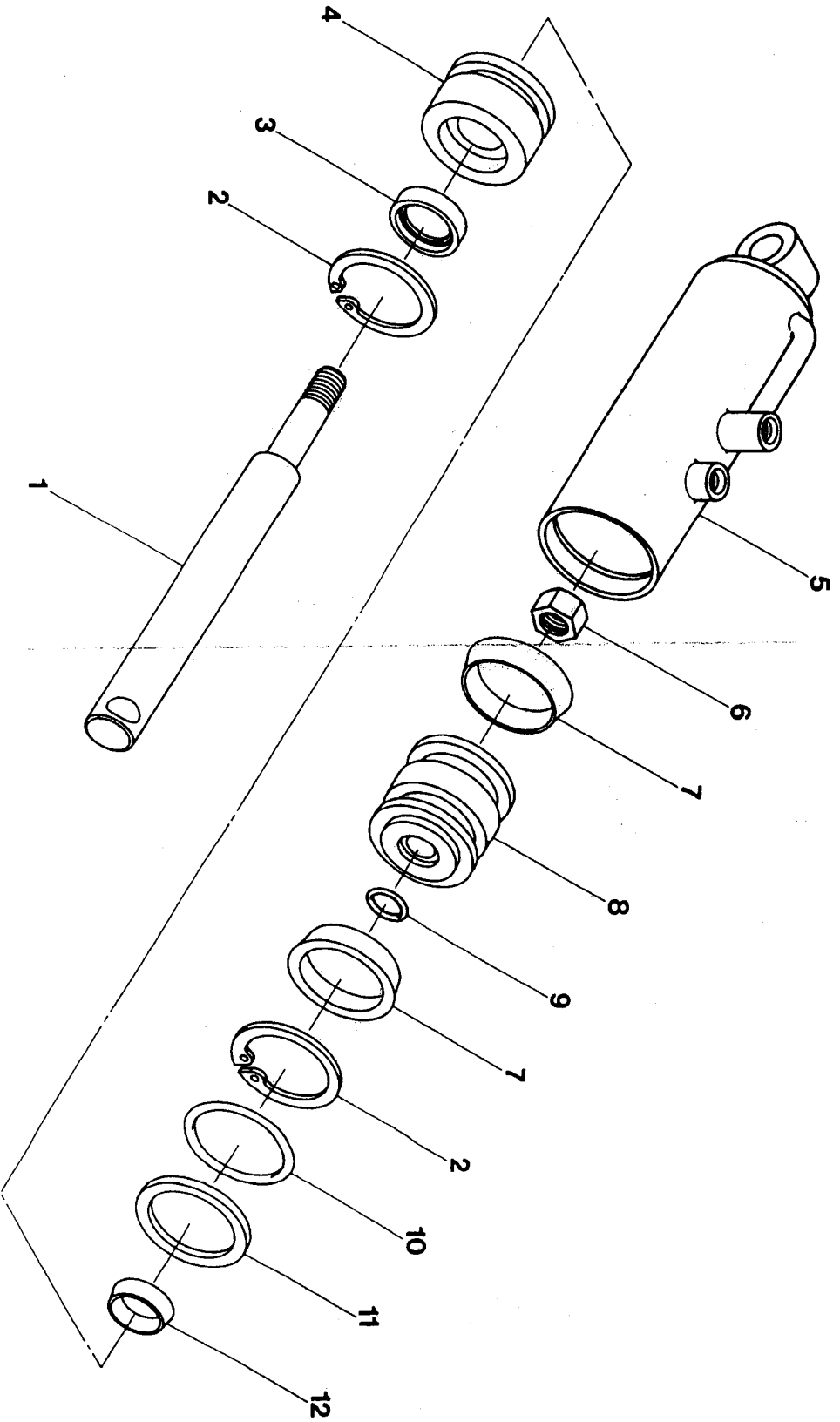
Ref. No.	Part No.	Description	Qty.
1	B4-763-000001	Cylinder Rod	1
2	A7-754-000001	Retaining Ring	2
3	A7-796-000005*	Rod Wiper Seal	1
4	B4-553-000001	Head	1
5	C3-071-000001	Barrel Weldment	1
6	7-660-201631	Lock Nut	1
7	A7-796-000007*	Seal	2
8	BA-698-000001	Piston	1
9	7-755-208000*	"O" Ring	1
10	7-755-327000*	"O" Ring	1
11	7-755-327609*	Back-Up Ring	1
12	A7-796-000004*	Rod Seal	1

* — Available only in Service Kit No. 9-577-250009

WHEEL LIFT GRID CYLINDER



WHEEL LIFT SWING CYLINDER



PARTS LIST — WHEEL LIFT SWING CYLINDER

Ref. No.	Part No.	Description	Qty.
1	B4-763-000002	Cylinder Rod	1
2	A7-754-000001	Retaining Ring	2
3	A7-796-000005*	Rod Wiper Seal	1
4	B4-553-000001	Head	1
5	C3-071-000002	Barrel Weldment	1
6	7-660-201631	Lock Nut	1
7	A7-796-000007*	Seal	2
8	B4-698-000001	Piston	1
9	7-755-208000*	"O" Ring	1
10	7-755-327000*	"O" Ring	1
11	7-755-327609*	Back-Up Ring	1
12	A7-796-000004*	Rod Seal	1

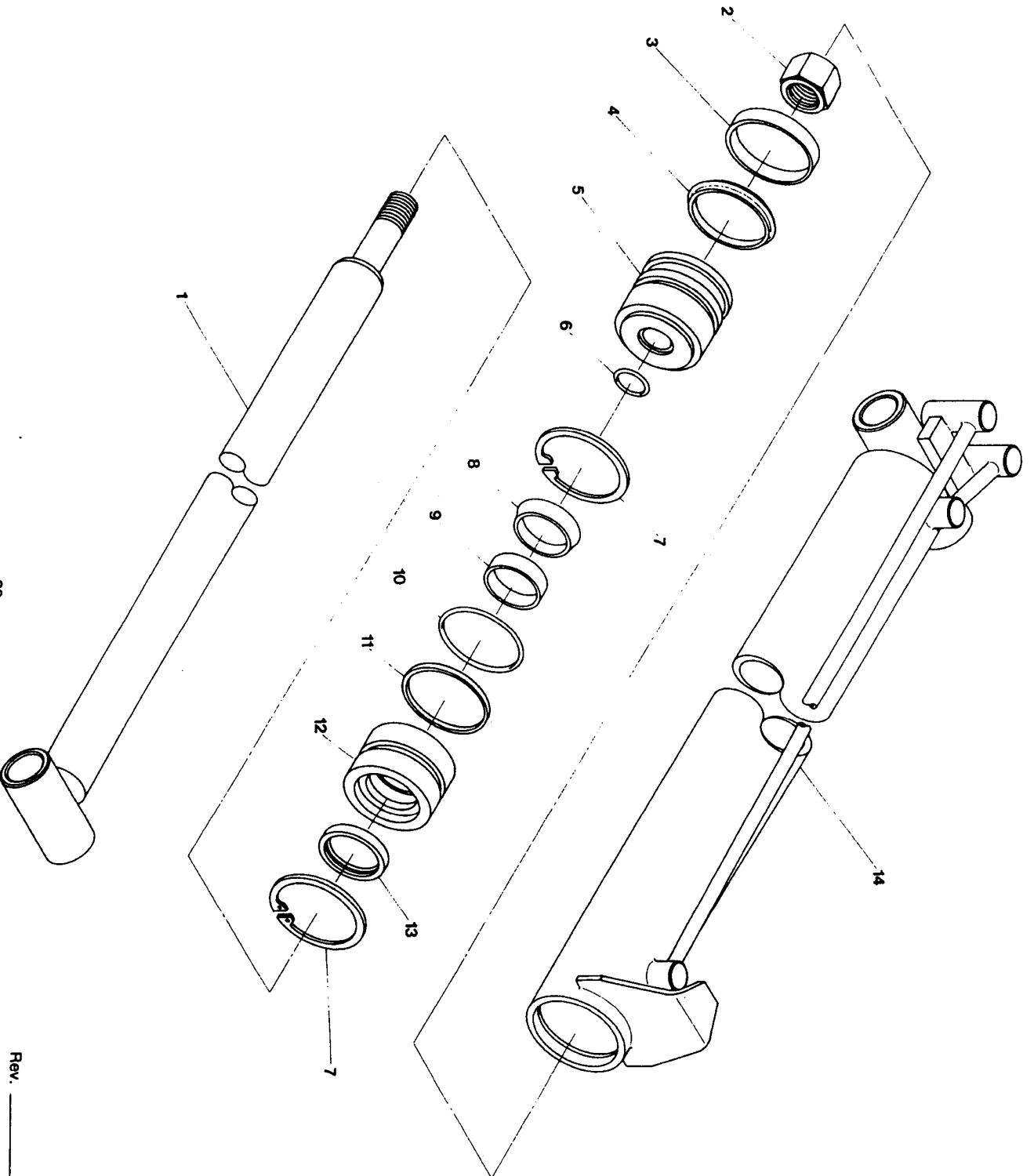
* — Available only in Service Kit No. 9-577-250009

PARTS LIST — WRECKER BOOM EXTENSION CYLINDER

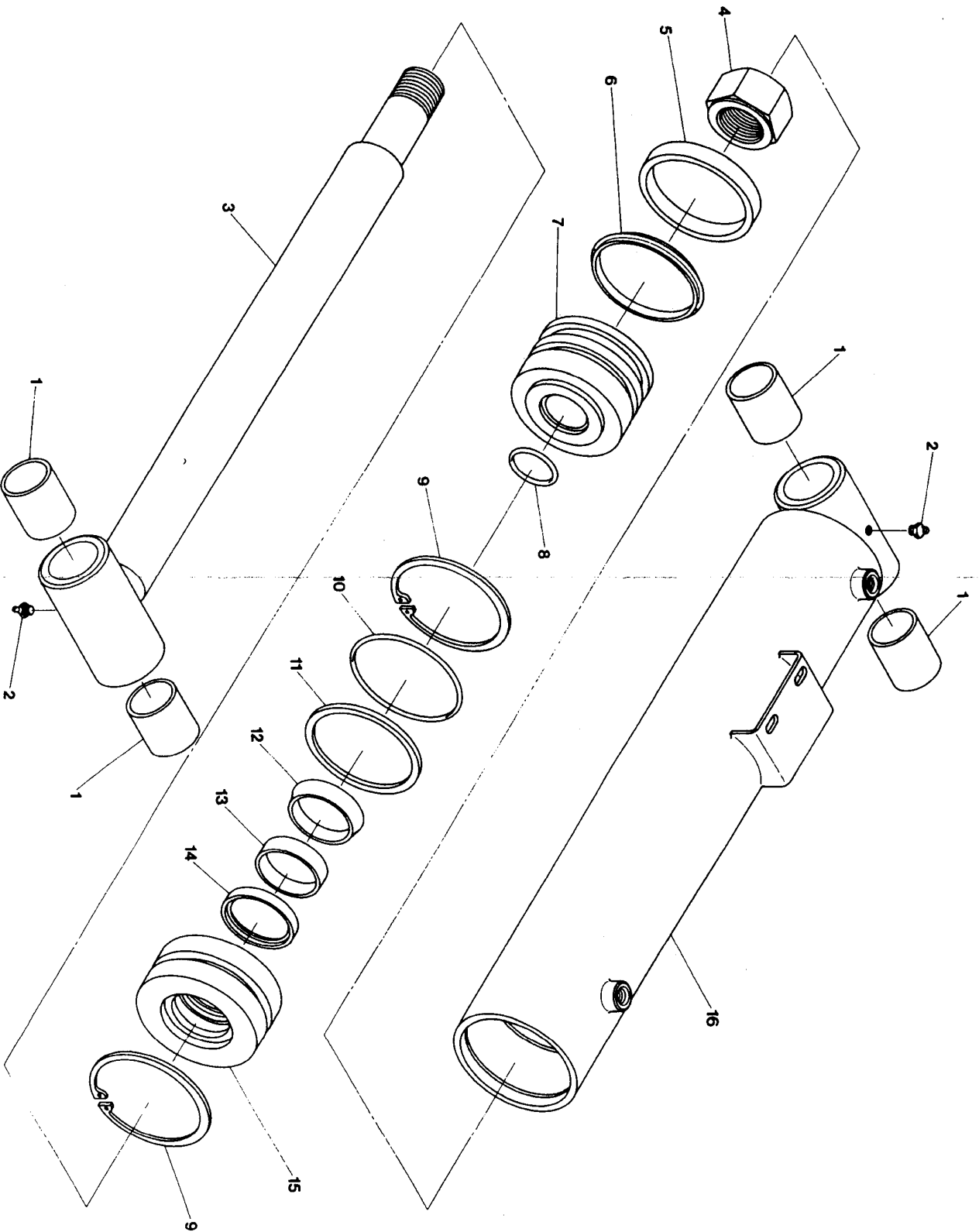
Ref. No.	Part No.	Description	Qty.
1	C3-763-000009	Rod Weldment	1
2	7-660-261630	Hex Lock Nut	1
3	A7-754-000003*	Wear Ring	1
4	A7-796-000006*	"T" Piston Seal	1
5	B4-698-000002	Piston	1
6	7-755-214000*	"O" Ring	1
7	A7-754-000002	Retaining Ring	2
8	A7-796-000007*	Seal	1
9	A7-754-000004*	Wear Ring	1
10	7-755-334000*	"O" Ring	1
11	7-755-334609*	Back-Up Ring	1
12	B4-553-000002	Head	1
13	A7-796-000008*	Rod Wiper Seal	1
14	D3-071-000007	Barrel Weldment	1

* — Available only in Service Kit No. 9-577-250008

WRECKER BOOM EXTENSION CYLINDER



L.H. WRECKER BOOM LIFT CYLINDER



PARTS LIST — L.H. WRECKER BOOM LIFT CYLINDER

Ref. No.	Part No.	Description	Qty.
1	A7-209-000003	Bronze Bushing	4
2	7-440-030000	Grease Fitting	2
3	B3-763-000010	Rod Weldment	1
4	7-660-341631	Lock Nut	1
5	A7-754-000011*	Wear Ring	1
6	A7-796-000009*	Piston Seal "T"	1
7	B4-698-000003	Piston	1
8	7-755-222000*	"O" Ring	1
9	A7-754-000013	Retaining Ring	2
10	7-755-342000*	"O" Ring	1
11	7-755-342609*	Back-Up Ring	1
12	A7-796-000010*	Rod Seal	1
13	A7-754-000012*	Wear Ring	1
14	A7-796-000011*	Rod Wiper Seal	1
15	B4-553-000004	Head	1
16	D3-071-000011	Lift Barrel Weldment L.H.	1

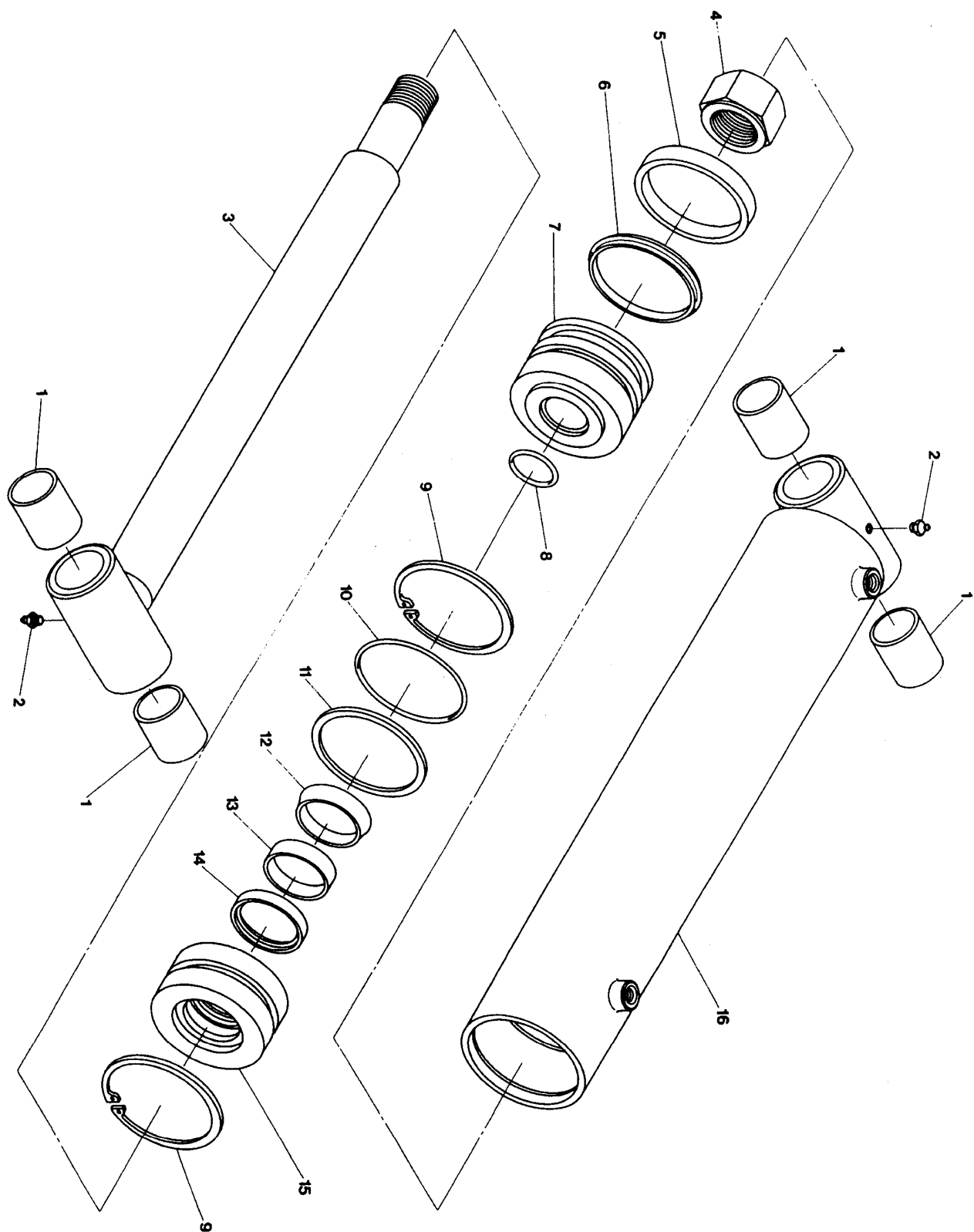
* — Available only in Service Kit No. 9-577-250012

PARTS LIST — R.H. WRECKER BOOM LIFT CYLINDER

Ref. No.	Part No.	Description	Qty.
1	A7-209-000003	Bronze Bushing	4
2	7-440-030000	Grease Fitting	2
3	B3-763-000010	Rod Weldment	1
4	7-660-341631	Lock Nut	1
5	A7-754-000011*	Wear Ring	1
6	A7-796-000009*	Piston Seal "T"	1
7	B4-698-000003	Piston	1
8	7-755-222000*	"O" Ring	1
9	A7-754-000013	Retaining Ring	2
10	7-755-342000*	"O" Ring	1
11	7-755-342609*	Back-Up Ring	1
12	A7-796-000010*	Rod Seal	1
13	A7-754-000012*	Wear Ring	1
14	A7-796-000011*	Rod Wiper Seal	1
15	B4-553-000004	Head	1
16	D3-071-000012	Lift Barrel Weldment R.H.	1

* — Available only in Service Kit No. 9-577-250012

R.H. WRECKER BOOM LIFT CYLINDER



[illegible]

PARTS LIST — HYDRAULIC COMPONENTS **(Reservoir & Valves)**

Ref. No.	Part No.	Description	Qty.
1	C3-750-000001	Oil Reservoir	1
2	B7-470-000001	Dipstick	1
3	A7-470-000002	Gauge	1
4	A7-430-000002	Filter Head	1
5	A7-431-000001	Filter Element	1
6	7-111-150850	Hex Cap Screw	4
7	7-950-150161	Flatwasher	4
8	7-660-152600	Hex Locknut	4
9	7-445-121619	Straight Adapter	1
10	A7-935-000018	Directional Valve	1
11	7-111-140850	Hex Cap Screw	4
12	7-950-140161	Flatwasher	4
13	7-660-142600	Hex Locknut	4
14	7-445-060643	Straight Adapter	3
15	4-567-222022	Hose Assembly	2
16	7-445-080848	Run Tee	1
17	7-445-080818	Nut Cap	1
18	A7-935-000020	Priority Valve	1
19	7-111-142850	Hex Cap Screw	2
20	7-950-140161	Flatwasher	2
21	7-660-142600	Hex Locknut	2
22	A4-263-000011	Channel	1
23	7-445-060645	90° Elbow	1
24	7-445-121248	Run Tee	1
25	7-443-000011	Reducer	1
26	7-445-060672	90° Elbow	1
27*	7-443-000030	Run Tee	1
28*	4-567-222022	Hose Assembly	1
29*	4-567-460048	Hose Assembly	1

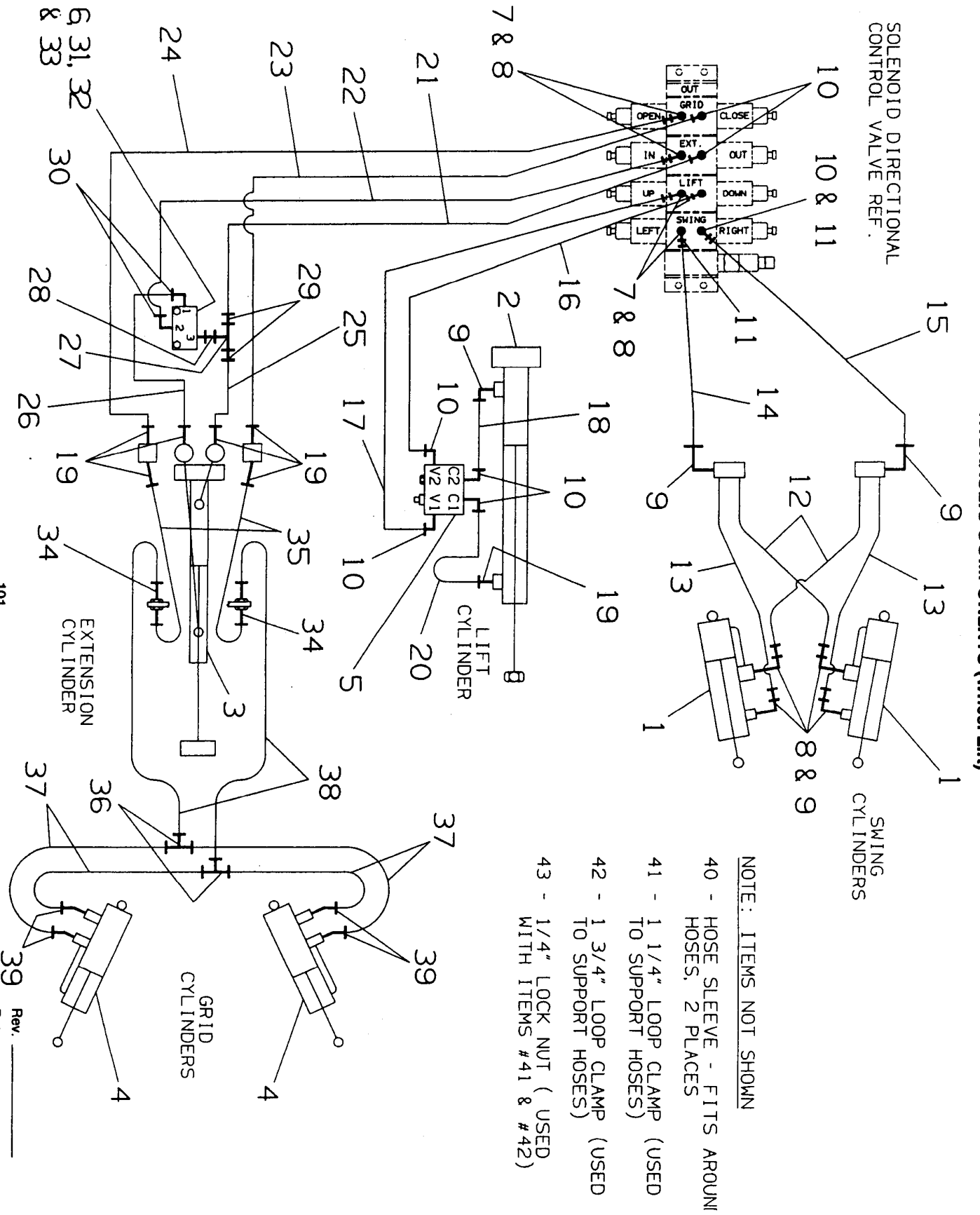
* — Items #27, 28 & 29 used without winch or wrecker boom only.

PARTS LIST — HYDRAULIC COMPONENTS (Wheel Lift)

Ref. No.	Part No.	Description	Qty.
1	C3-320-000002	Swing Cylinder	2
2	C3-320-000014	Lift Cylinder	1
3	C3-320-000003	Extension Cylinder	1
4	C3-320-000001	Grid Cylinder	2
5	B7-935-000011	Check Valve	1
6	B7-935-000016	Check Valve	1
7	7-445-040643	Straight Adapter	5
8	7-445-040472	90° Elbow	9
9	7-445-040445	90° Elbow	7
10	7-445-040645	90° Elbow	7
11	A7-443-000008	Restrictor Adapter	2
12	A4-570-000012	Hose Assembly	2
13	A4-570-000011	Hose Assembly	2
14	4-567-410105	Hose Assembly	1
15	4-567-410109	Hose Assembly	1
16	4-567-410035	Hose Assembly	1
17	4-567-410040	Hose Assembly	1
18	B7-912-000010	Tube Assembly	1
19	7-445-040443	Straight Adapter	7
20	B7-912-000005	Tube Assembly	1
21	4-567-210014	Hose Assembly	1
22	4-567-210017	Hose Assembly	1
23	4-567-412116	Hose Assembly	1
24	4-567-412112	Hose Assembly	1
25	4-567-412114	Hose Assembly	1
26	4-567-412110	Hose Assembly	1
27	A7-443-000052	Swivel Tee	1
28	7-445-040643	Straight Adapter	1
29	7-445-040472	90° Elbow	2
30	7-445-040645	90° Elbow	2
31	7-111-151650	Hex Cap Screw	2
32	7-950-150161	Flatwasher	2
33	7-660-152600	Locknut	2
34	7-445-040425	Bulkhead Union	2
35	B7-912-000003	Tube Assembly	2
36	7-445-040437	Union Tee	2
37	4-567-410052	Hose Assembly	4
38	4-567-410068	Hose Assembly	2
39	7-445-040446	45° Elbow	4
40	A7-819-000002	Hose Sleeve	2
41	A7-274-000003	1¼" Loop Clamp	5
42	A7-274-000009	1¾" Loop Clamp	1
43	7-660-142600	Locknut	6

HYDRAULIC COMPONENTS (Wheel Lift)

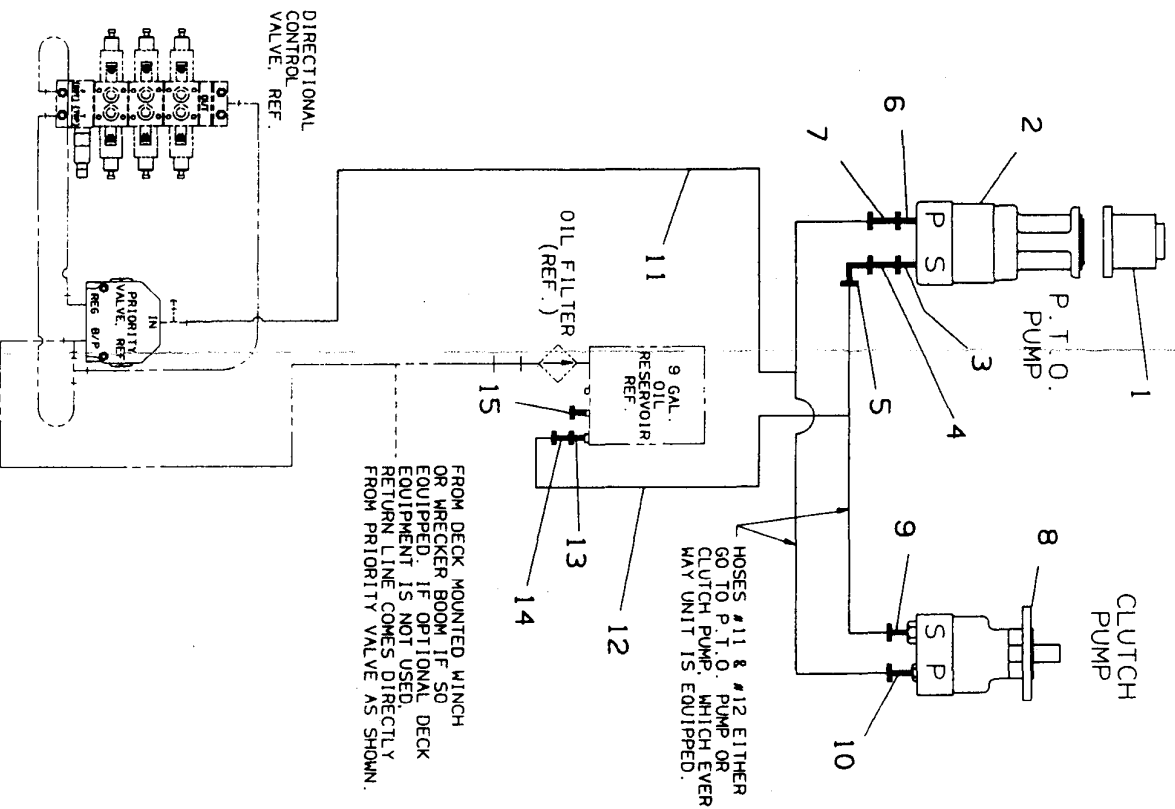
SOLENOID DIRECTIONAL
CONTROL VALVE REF.



NOTE: ITEMS NOT SHOWN

- 40 - HOSE SLEEVE - FITS AROUND HOSES, 2 PLACES
- 41 - 1 1/4" LOOP CLAMP (USED TO SUPPORT HOSES)
- 42 - 1 3/4" LOOP CLAMP (USED TO SUPPORT HOSES)
- 43 - 1/4" LOCK NUT (USED WITH ITEMS #41 & #42)

HYDRAULIC COMPONENTS (PTO or Clutch Pump)



CIRCUIT FOR P.T.O. PUMP OR CLUTCH PUMP

PARTS LIST — HYDRAULIC COMPONENTS **P.T.O. PUMP CIRCUIT**

Ref. No.	Part No.	Description	Qty.
1		P.T.O.	1
2		P.T.O. Pump	1
3		Pipe Nipple	1
4		Hydraulic Fitting	1
5		Hydraulic Fitting	1
6		Reducer	1
7		Hydraulic Fitting	1
11		Hose Assembly	1
12		Hose Assembly	1
13		Hydraulic Fitting	1
14		Hydraulic Fitting	1
15		Hydraulic Fitting	1

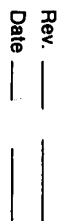
PARTS LIST — CLUTCH PUMP CIRCUIT

Ref. No.	Part No.	Description	Qty.
8		Clutch Pump	1
9		45° Elbow	1
10		Straight Adapter	1
11		Hose Assembly	1
12		Hose Assembly	1
13		Hydraulic Fitting	1
14		Hydraulic Fitting	1
15		Hydraulic Fitting	1

NOTE — Contact factory for all replacement parts.

PARTS LIST — HYDRAULIC COMPONENTS — WINCH

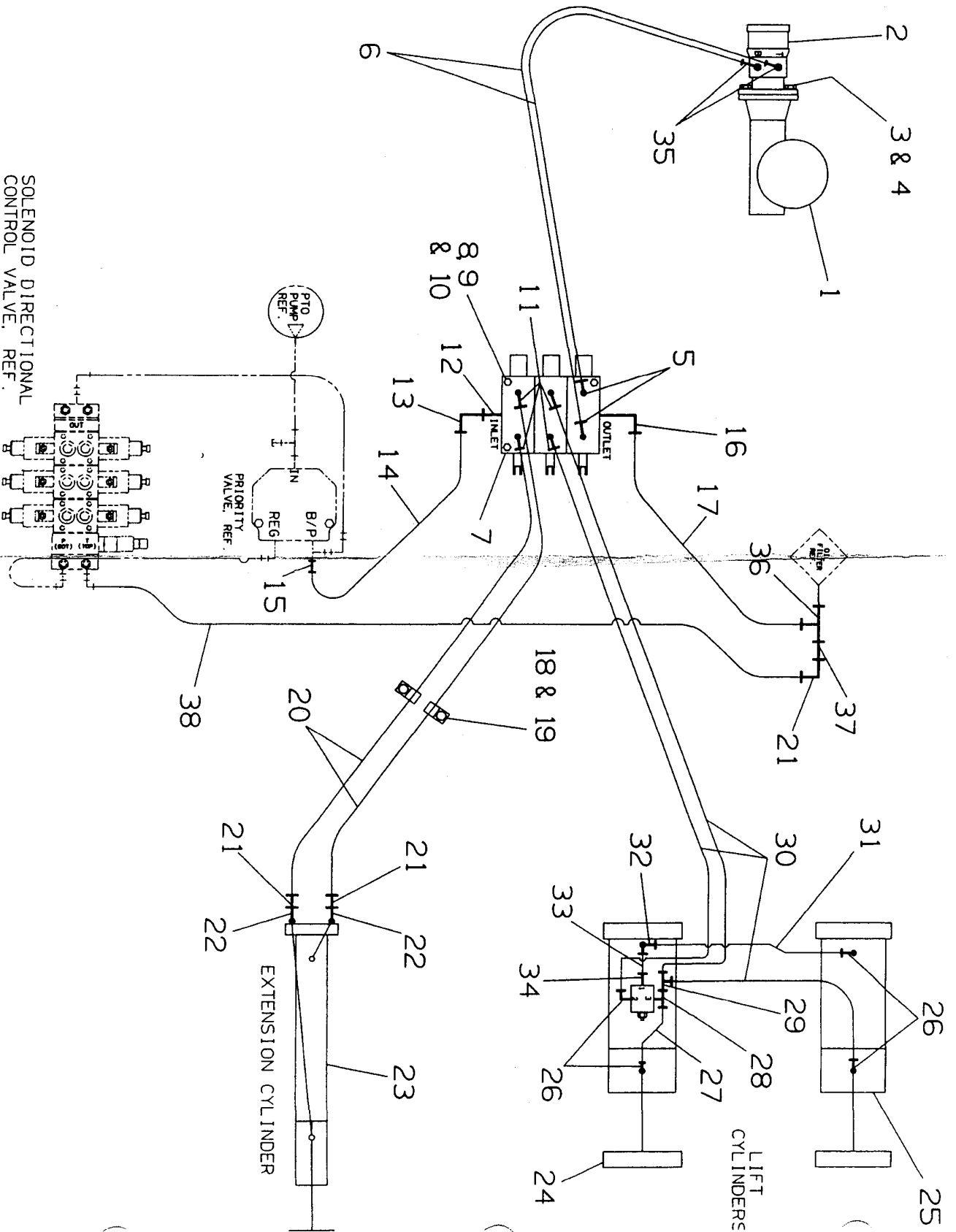
Ref. No.	Part No.	Description	Qty.
1	A7-970-000002	Winch (Ramsey)	1
2	A7-626-000002	Orbit Motor (Char-Lynn)	1
3	7-111-181050	Hex Cap Screw	2
4	7-950-180400	Lockwasher	2
5	7-445-081045	90° Elbow	2
6	4-567-430030	Hose Assembly	2
7	A7-935-000002	Directional Valve	1
8	7-111-162050	Hex Cap Screw	3
9	7-660-162601	Hex Locknut	3
10	7-950-160161	Flatwasher	3
11	7-445-081245	90° Elbow	1
12	7-445-121245	90° Elbow	1
13	4-567-460038	Hose Assembly	1
14	7-445-060672	90° Elbow	1
15	A7-443-000012	Run Tee	1
16	A7-443-000011	Swivel Reducer	1
17	4-567-422044	Hose Assembly	1
18	A7-443-000049	Swivel Reducer	1
19	4-567-630036	Hose Assembly	1
20	7-445-080820	90° Elbow	2



PARTS LIST — HYDRAULIC COMPONENTS
(Single Winch Wrecker Boom)

Ref. No.	Part No.	Description	Qty.
1	A7-970-000005	Winch (Ramsey)	1
2	A7-626-000002	Orbit Motor (Char-Lynn)	1
3	7-111-181050	Hex Cap Screw	2
4	7-950-180400	Lockwasher	2
5	7-445-081043	Straight Adapter	2
6	4-567-432027	Hose Assembly	2
7	A7-935-000009	Directional Valve	1
8	7-111-162250	Hex Cap Screw	3
9	7-950-160161	Flatwasher	3
10	7-660-162601	Hex Locknut	3
11	7-445-061043	Straight Adapter	4
12	A7-443-000003	Reducer	1
13	A7-443-000028	90° Elbow	1
14	4-567-630030	Hose Assembly	1
15	A7-443-000049	Swivel Reducer	1
16	7-445-121245	90° Elbow	1
17	4-567-460027	Hose Assembly	1
18	A7-274-000010	Clamp	2
19	7-660-142600	Locknut	2
20	4-567-222034	Hose Assembly	2
21	7-445-060672	90° Elbow	3
22	7-445-060643	Straight Adapter	2
23	D3-320-000007	Extend Cylinder	1
24	D3-320-000011	L.H. Lift Cylinder	1
25	D3-320-000012	R.H. Lift Cylinder	1
26	7-445-060645	90° Elbow	4
27	A4-570-000008	Hose Assembly	1
28	7-445-060647	Branch Tee	1
29	A7-443-000030	Run Tee	1
30	4-567-222022	Hose Assembly	3
31	B7-912-000002	Tube Assembly	1
32	7-445-060648	Run Tee	1
33	B7-912-000001	Tube Assembly	1
34	7-445-060646	45° Elbow	1
35	7-445-080819	Straight Adapter	2
36	A7-443-000012	Run Tee	1
37	A7-443-000011	Swivel Reducer	1
38	4-567-422044	Hose Assembly	1

HYDRAULIC COMPONENTS (Single Winch Wrecker Boom)



PARTS LIST — HYDRAULIC COMPONENTS
(Dual Winch Wrecker Boom)

Ref. No.	Part No.	Description	Qty.
1	A7-970-000005	L.H. Winch (Ramsey)	1
2	A7-970-000004	R.H. Winch (Ramsey)	1
3	A7-626-000002	Orbit Motor (Char-Lynn)	2
4	7-111-181050	Hex Cap Screw	4
5	7-950-180400	Lockwasher	4
6	7-445-080819	Straight Adapter	4
7	A7-443-000023	90° Elbow	4
8	4-567-432036	Hose Assembly	4
9	7-445-081043	Straight Adapter	4
10	A7-935-000008	Directional Valve	1
11	7-111-162250	Hex Cap Screw	3
12	7-950-160161	Flatwasher	3
13	7-660-162601	Hex Locknut	3
14	7-445-061043	Straight Adapter	4
15	7-445-081245	90° Elbow	1
16	4-567-630030	Hose Assembly	1
17	A7-443-000049	Swivel Reducer	1
18	7-445-121245	90° Elbow	1
19	4-567-460027	Hose Assembly	1
20	A7-274-000010	Clamp	2
21	7-660-142600	Locknut	2
22	4-567-222034	Hose Assembly	2
23	7-445-060672	90° Elbow	3
24	7-445-060643	Straight Adapter	2
25	D3-320-000007	Extend Cylinder	1
26	D3-320-000011	L.H. Lift Cylinder	1
27	D3-320-000012	R.H. Lift Cylinder	1
28	7-445-060645	90° Elbow	4
29	A4-570-000008	Hose Assembly	1
30	7-445-060647	Branch Tee	1
31	A7-443-000030	Run Tee	1
32	4-567-222022	Hose Assembly	3
33	B7-912-000002	Tube Assembly	1
34	7-445-060648	Run Tee	1
35	B7-912-000001	Tube Assembly	1
36	7-445-060646	45° Elbow	1
37	A7-443-000012	Run Tee	1
38	A7-443-000011	Swivel Reducer	1
39	4-567-422044	Hose Assembly	1

HYDRAULIC COMPONENTS (Dual Winch Wrecker Boom)

