

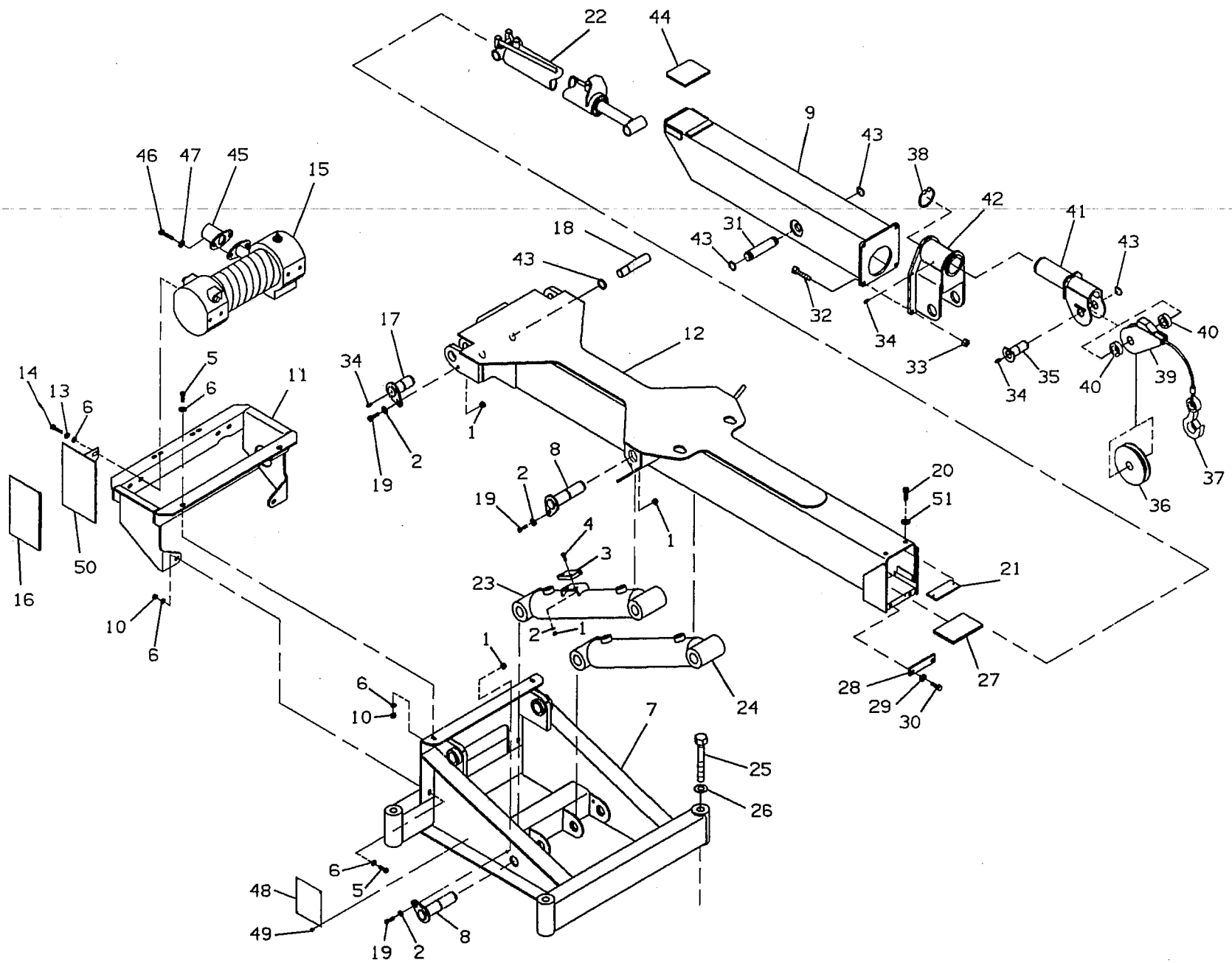
**1210S, 1210D AND 1212D
12-TON WRECKER BOOM
PARTS**

PARTS LIST — SINGLE WINCH WRECKER BOOM

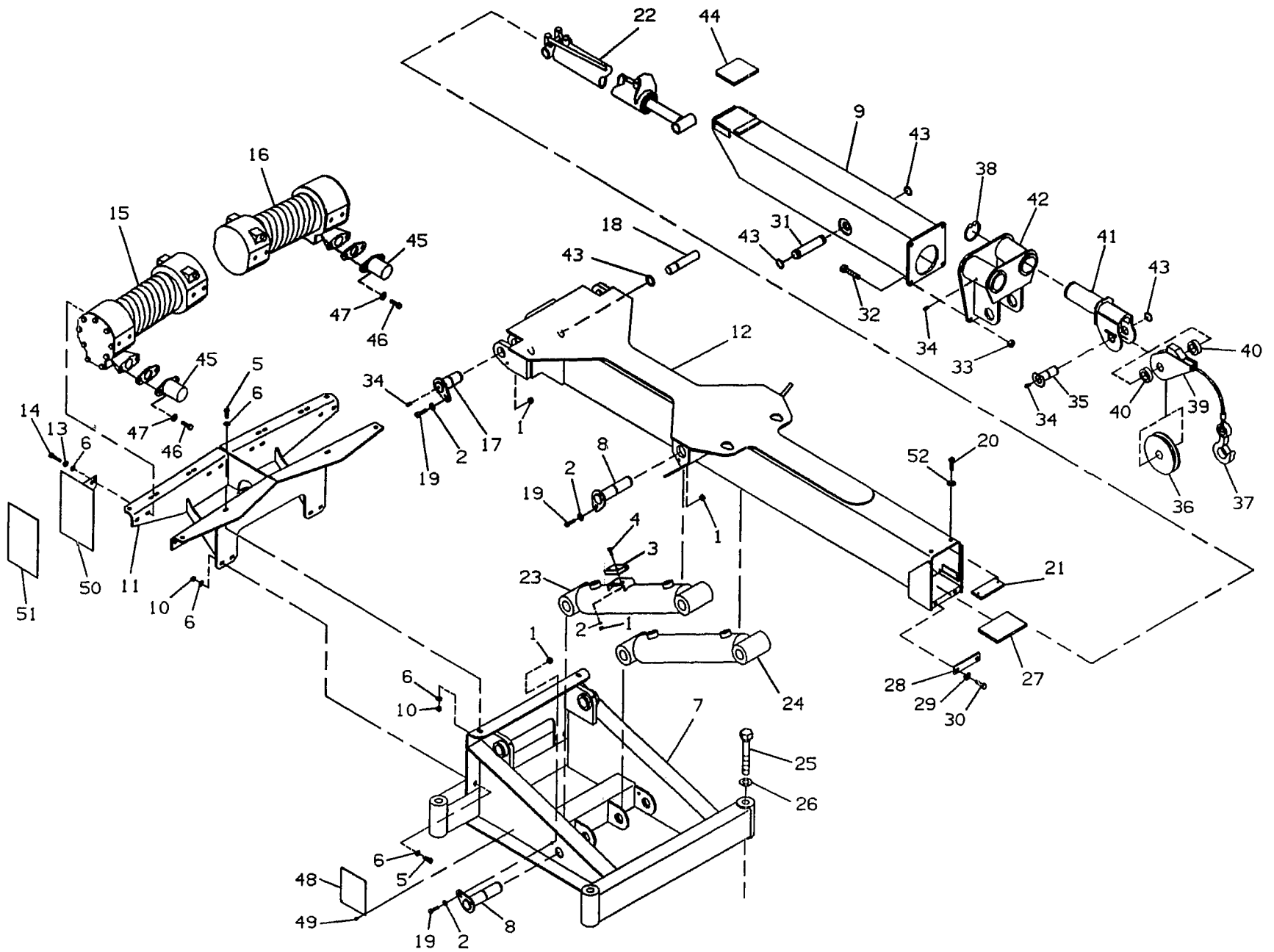
Ref. No.	Part No.	Description	Qty.
1	7660152600	Locknut	8
2	7950150161	Flatwasher	8
3	7935000001	Counterbalance Valve	1
4	7111151650	Capscrew	2
5	7118171250	Capscrew	4
6	7950160959	Flatwasher	20
7	3512100071	Base	1
8	3691000075	Pin	4
9	3512100005	Fly Section	1
10	7660172600	Locknut	4
11	3512100040	Winch Mount	1
12	3512100004	Base Section	1
13	7950170000	Lockwasher	8
14	7115170850	Capscrew	8
15	7970000020	10,000# Winch	1
16	7330000138	Operator's Checklist	1
17	3691000081	Pin	2
18	4691000179	Pin	1
19	7118151250	Capscrew	6
20	7118140418	Capscrew	2
21	4706000067	Plate	1
22	3320000007	Extension Cylinder	1
23	3320000011	Lift Cylinder, L.H.	1
24	3320000012	Lift Cylinder, R.H.	1
25	7115245650	Capscrew	4
26	7950240161	Flatwasher	4
27	4679000005	Wear Pad	1
28	4706000160	Plate	1
29	7950180000	Lockwasher	2
30	7115180850	Capscrew	2
31	4691000133	Pin	1
32	7115181250	Capscrew	4
33	7660182600	Locknut	4
34	7440030000	Grease Fitting	8
35	3691000002	Pin	1
36	7809000001	Sheave	1
37	7248000015	Cable	1
38	7754000005	Retaining Ring	1
39	3510900068	Cable Guide	1
40	4209000019	Bushing	2
41	3512900006	Sheave Support	1
42	3510100058	Boom Nose	1
43	7754000006	Retaining Ring	6
44	4679000004	Wear Pad	1
45	7626000013	Orbit Motor	1
46	7111181250	Capscrew	2
47	7950180400	Lockwasher	2
48	7330000145	Wrecker Boom Placard	1
49	7759000004	Pop Rivet	4
50	4706001255	Decal Mounting Plate	1
51	7950140161	Flatwasher	2

Rev. 1

SINGLE WINCH WRECKER BOOM



DUAL WINCH WRECKER BOOM



PARTS LIST — DUAL WINCH WRECKER BOOM

Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	7660152600	Locknut	8	50	4706001255	Decal Mounting Plate	1
2	7950150161	Flatwasher	8	51	7330000138	Operator's Checklist	1
3	7935000001	Counterbalance Valve	1	52	7950140161	Flatwasher	2
4	7111151650	Capscrew	2				
5	7118171250	Capscrew	6				
6	7950160959	Flatwasher	32				
7	3512100071	Base	1				
8	3691000075	Pin	4				
9	3512100005	Fly Section	1				
10	7660172600	Locknut	6				
11	3512100009	10,000# Winch Mount	1				
	3512100089	12,000# Winch Mount	1				
12	3512100004	Base Section	1				
13	7950170000	Lockwasher	16				
14	7115171250	Capscrew	2				
15	7970000020	10,000# Winch, L.H.	1				
	7970000025	12,000# Winch, L.H.	1				
16	7970000012	10,000# Winch, R.H.	1				
	7970000026	12,000# Winch, R.H.	1				
17	3691000081	Pin	2				
18	4691000179	Pin	1				
19	7118151250	Capscrew	6				
20	7118140418	Capscrew	2				
21	4706000067	Plate	1				
22	3320000007	Extension Cylinder	1				
23	3320000011	Lift Cylinder, L.H.	1				
24	3320000012	Lift Cylinder, R.H.	1				
25	7115245650	Capscrew	4				
26	7950240161	Flatwasher	4				
27	4679000005	Wear Pad	1				
28	4706000160	Plate	1				
29	7950180000	Lockwasher	2				
30	7115180850	Capscrew	2				
31	4691000133	Pin	1				
32	7115181450	Capscrew	4				
33	7660182600	Locknut	4				
34	7440030000	Grease Fitting	10				
35	3691000134	Pin	2				
36	7809000001	Sheave	2				
37	7248000015	Cable	2				
38	7754000018	Retaining Ring	2				
39	3510900068	Cable Guide	2				
40	4209000019	Bushing	4				
41	3502900023	Sheave Support	2				
42	3502100024	Boom Nose	1				
43	7754000006	Retaining Ring	6				
44	4679000004	Wear Pad	1				
45	7626000013	Orbit Motor	2				
46	7111181250	Capscrew	4				
47	7950180400	Lockwasher	4				
48	7330000145	Wrecker Boom Placard	1				
49	7759000004	Pop Rivet	4				

Rev. 1Date 6-1-96

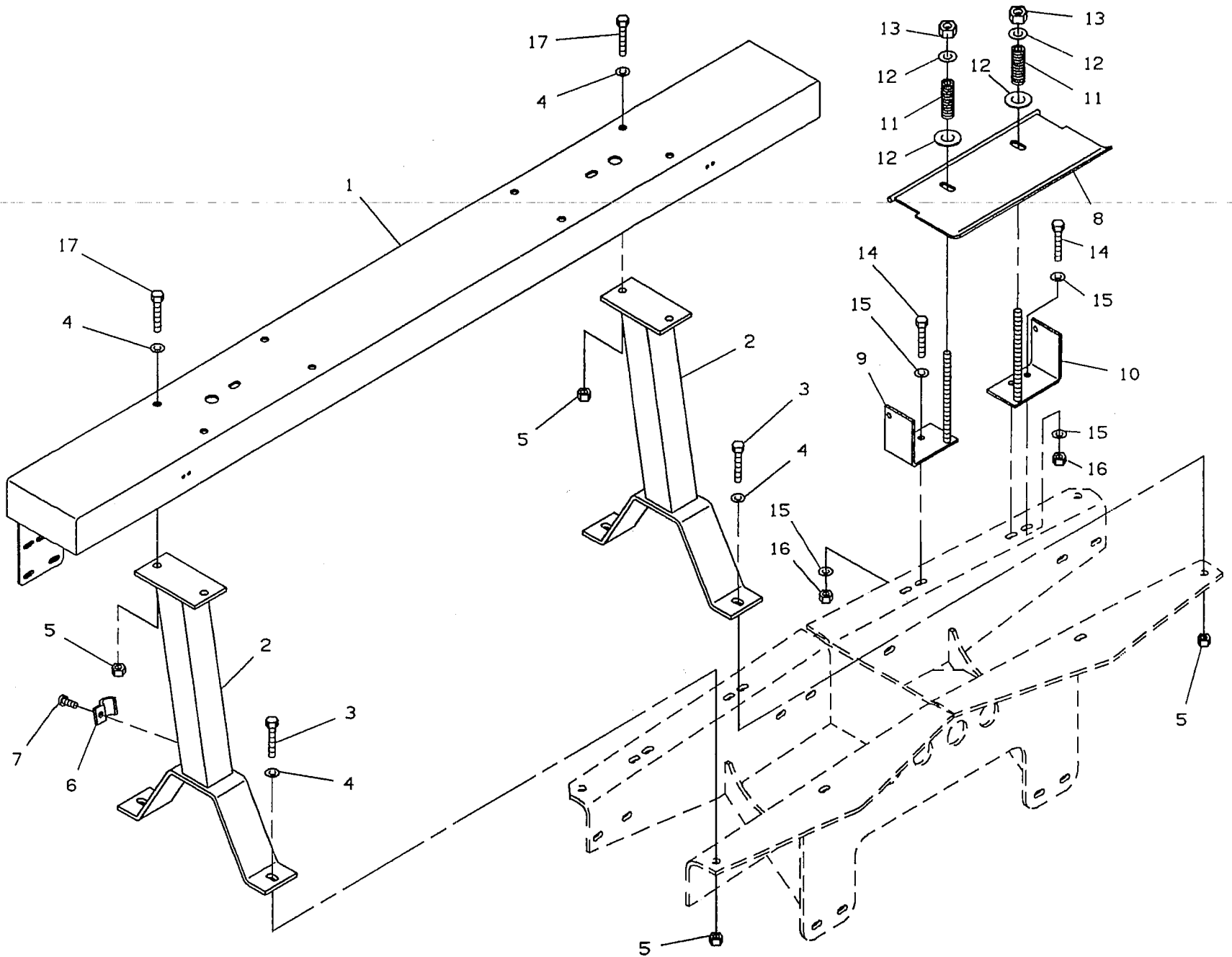
PARTS LIST — LIGHT PYLON AND CABLE TENSIONER

Ref. No.	Part No.	Description	Qty.
1	3263000011	Channel	1
2	3178000060	Mounting Bracket (17")	2
	3178000100	Mounting Bracket (27")	2
3	7115161050	Capscrew	4
4	7950150161	Flatwasher	8
5	7660162601	Locknut	8
6	7280000001	Jiffy Clip	2
7	7790100856	Screw	2
8	3706000008	Pressure Plate	1
9	3017000003	Angle, L.H.	1
10	3017000002	Angle, R.H.	1
11	7843000004	Spring	2
12	7950180161	Flatwasher	4
13	7660182600	Locknut	2
14	7111161050	Capscrew	4
15	7950160161	Flatwasher	8
16	7660162601	Locknut	4
17	7115160850	Capscrew	4

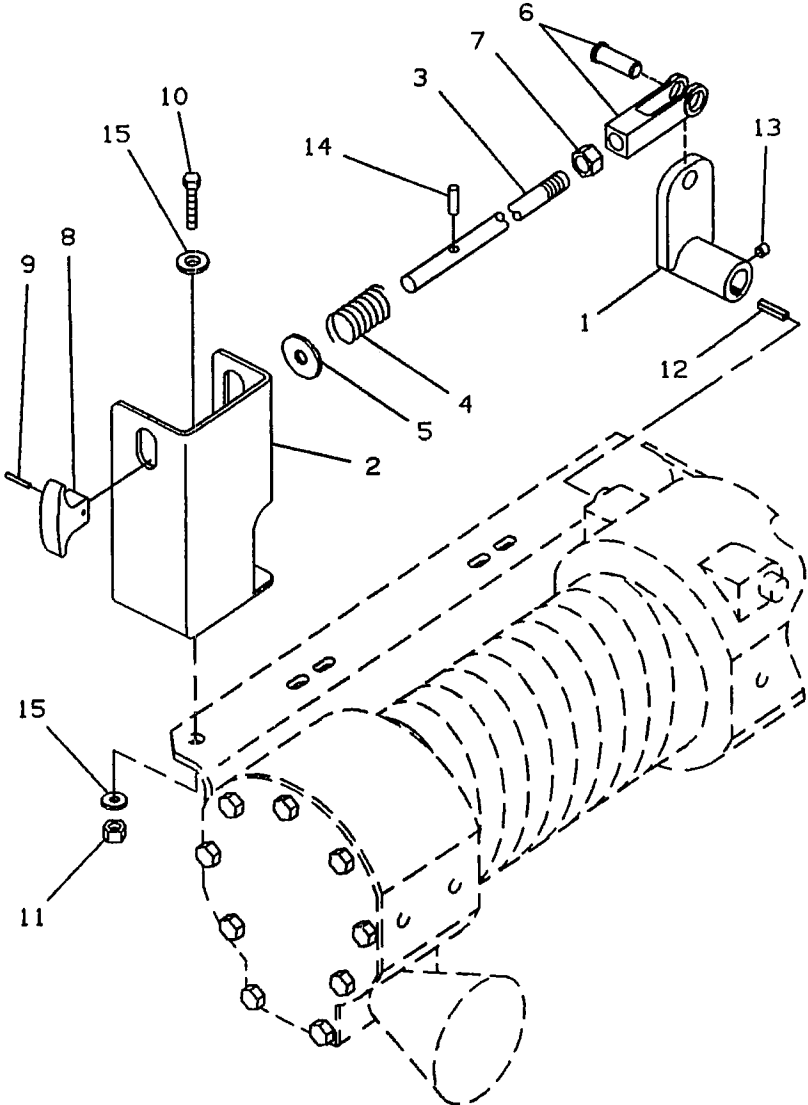
Rev. 1

Date 6-1-96

LIGHT PYLON AND CABLE TENSIONER



REMOTE FREE SPOOL



*NOTE: R.H. SHOWN
L.H. OPPOSITE

Rev. 1

Date 6-1-96

PARTS LIST — REMOTE FREE SPOOL

Ref. No.	Part No.	Description	Qty.
1	3587000007	Lever	1
2	4178000167	Bracket, R.H.	1
	4178000166	Bracket, L.H.	1
3	3587000008	Shaft	1
4	7843000010	Compression Spring	1
5	7950180161	Flatwasher	1
6	7308000013	Yoke and Clevis	1
7	7660180030	Hexnut	1
8	4551000005	Handle	1
9	7690051640	Spring Pin	1
10	7115161250	Capscrew	1
11	7660160000	Hexnut	1
12	4575060600	Keystock	1
13	9785960003	Set Screw	1
14	7690102045	Spring Pin	1
15	7950160162	Flatwasher	2

Rev. 1

Date 6-1-96

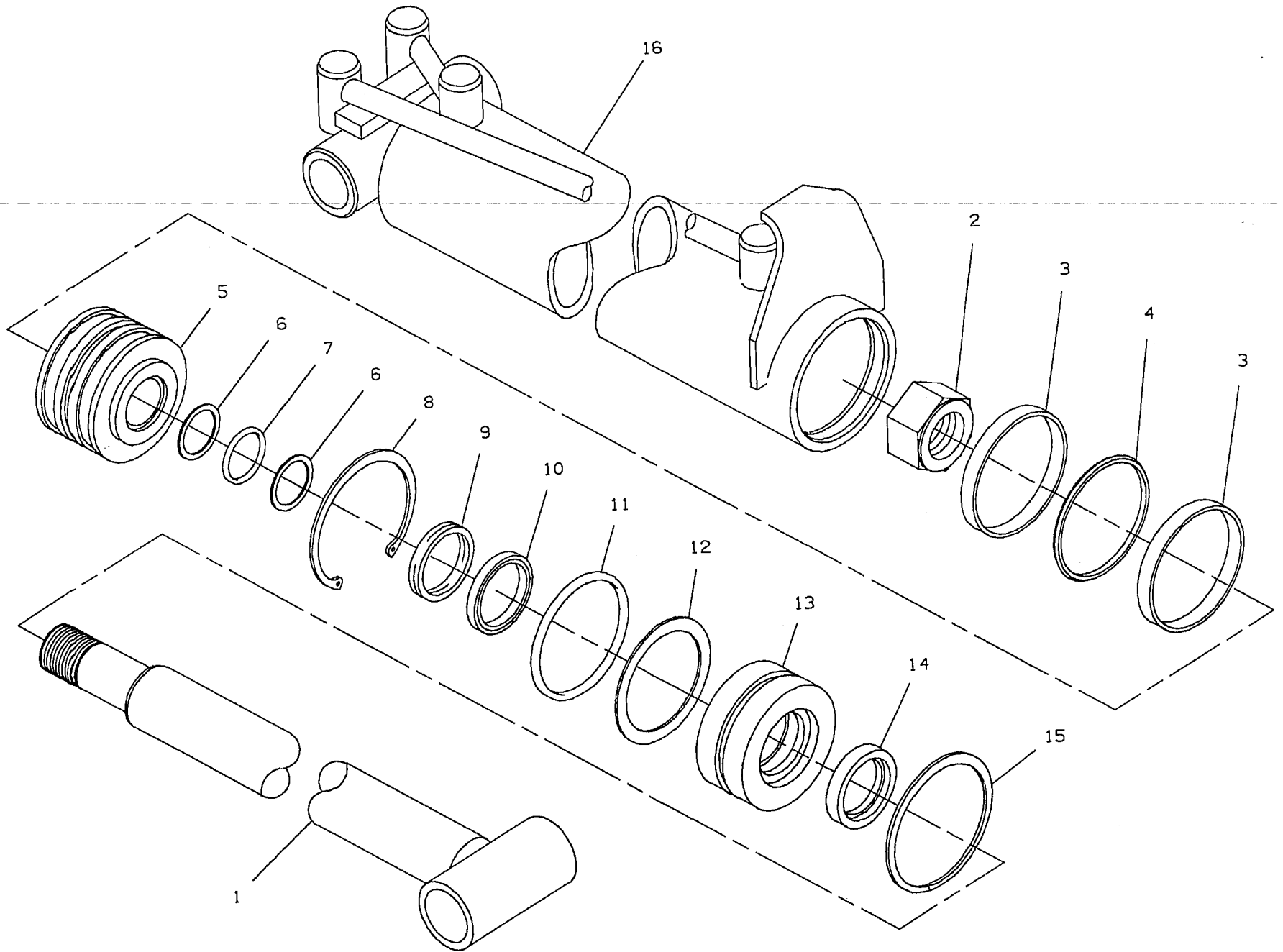
**PARTS LIST — WRECKER BOOM EXTENSION CYLINDER
332000007**

Ref. No.	Part No.	Description	Qty.
1	3763000040	Cylinder Rod	1
2	7660262031	Locknut	1
3	7754000003*	Piston Wear Ring	2
4	7796000006*	Piston Seal	1
5	4698000007	Piston	1
6	7755224609*	Backup Ring	2
7	7755224000*	O-Ring	1
8	7754000002	Retaining Ring	1
9	7754000004*	Wear Ring	1
10	7796000024*	Rod Seal	1
11	7755334000*	O-Ring	1
12	7755334609*	Backup Ring	1
13	4553000008*	Head	1
14	7796000008*	Rod Wiper Seal	1
15	7754000026	Retaining Ring	1
16	3071000007	Barrel	1

* - Available Only in Service Kit No. 7577250024

Rev. 1

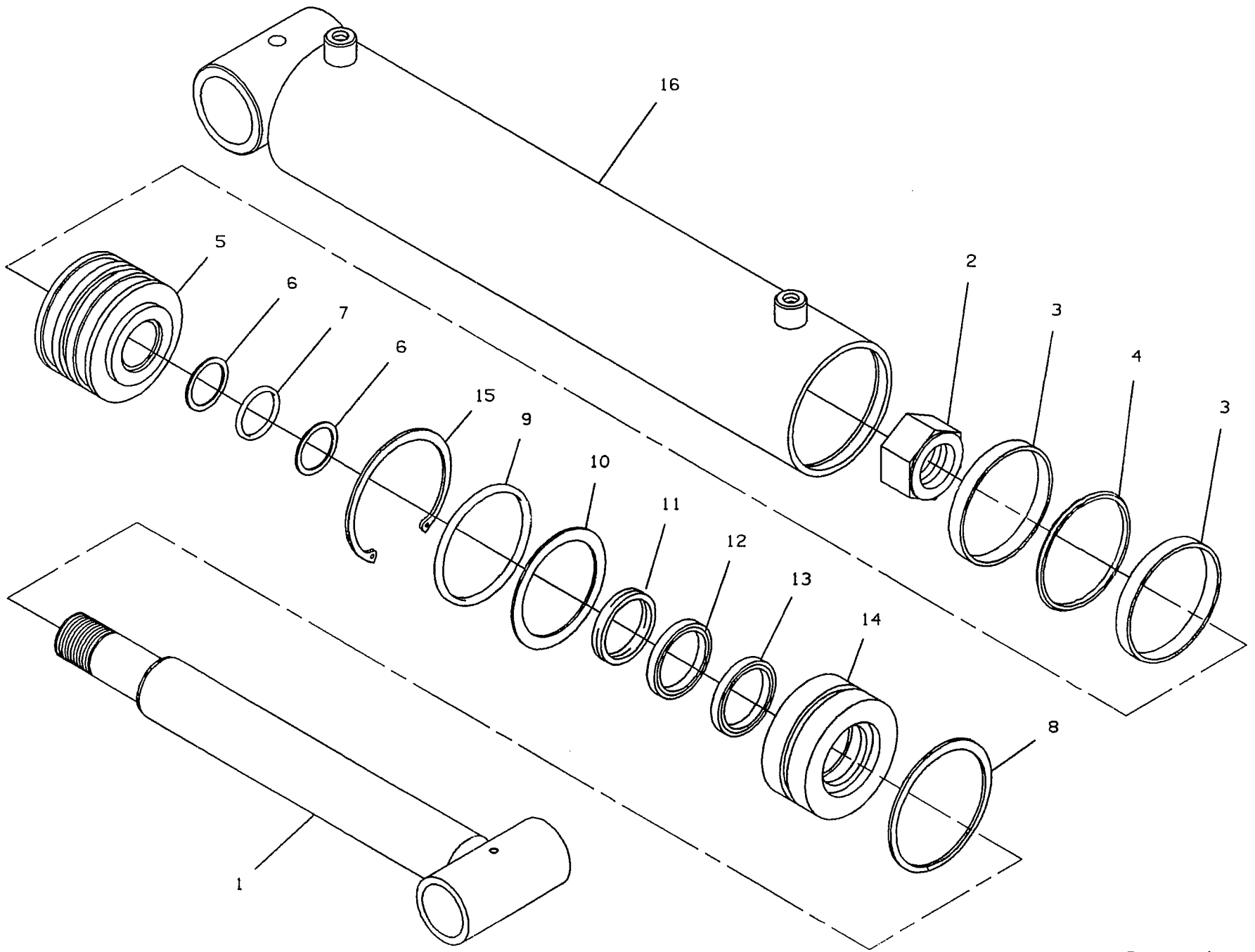
WRECKER BOOM EXTENSION CYLINDER
332000007



Rev. _____

Date _____

R.H. WRECKER BOOM LIFT CYLINDER
332000012



**PARTS LIST — R.H. WRECKER BOOM LIFT CYLINDER
332000012**

Ref. No.	Part No.	Description	Qty.
1	3763000041	Cylinder Rod	1
2	7660342031	Locknut	1
3	7754000011*	Wear Ring	2
4	7796000009*	Piston Seal	1
5	4698000008	Piston	1
6	7755226609*	Backup Ring	2
7	7755226000*	O-Ring	1
8	7754000028	Retaining Ring	1
9	7755342000*	O-Ring	1
10	7755342609*	Backup Ring	1
11	7754000012*	Wear Ring	1
12	7796000025*	Rod Seal	1
13	7796000011*	Rod Wiper Seal	1
14	4553000009	Head	1
15	7754000013	Retaining Ring	1
16	3071000012	Barrel, L.H.	1

* - Available Only in Service Kit No. 7577250026

Rev. _____

Date _____

**PARTS LIST — L.H. WRECKER BOOM LIFT CYLINDER
332000011**

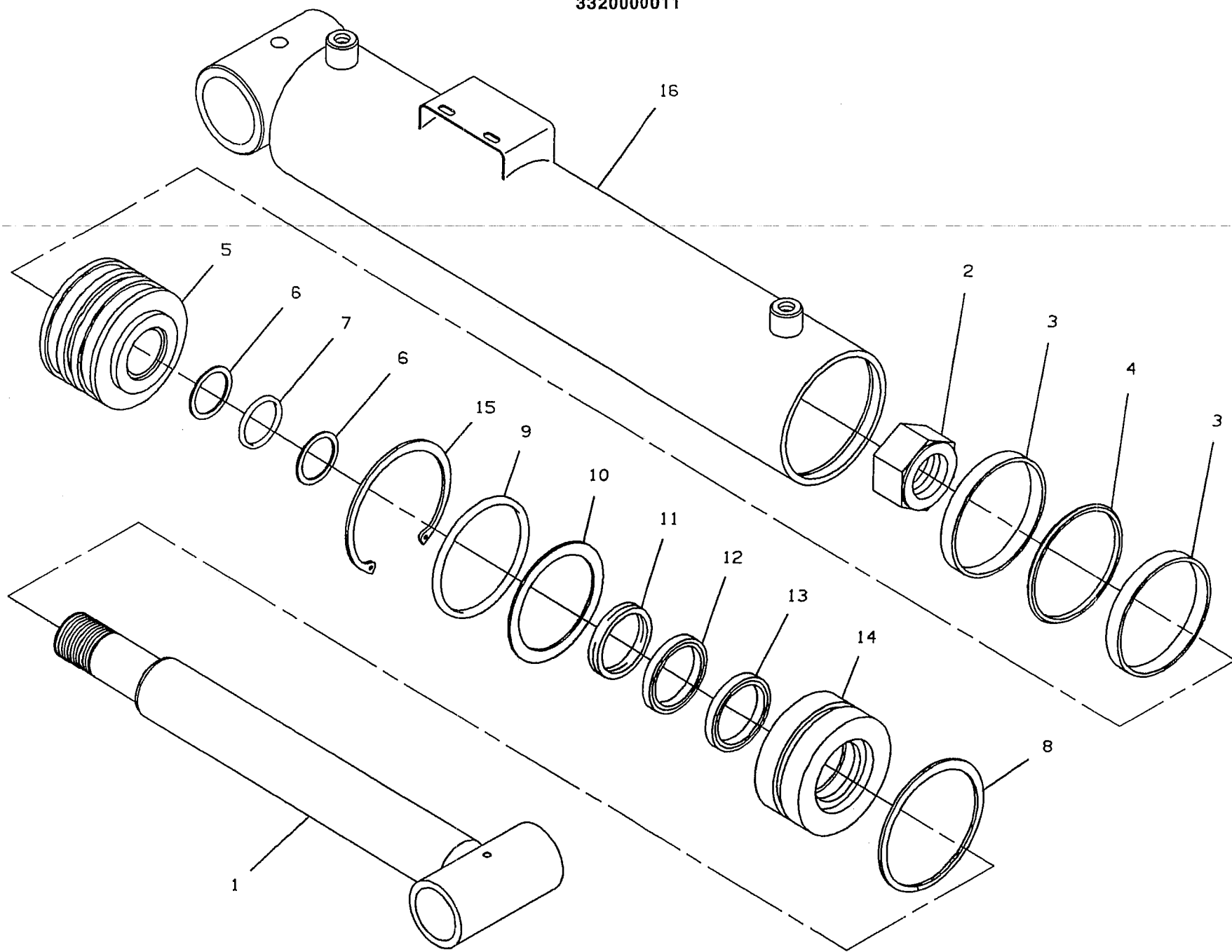
Ref. No.	Part No.	Description	Qty.
1	3763000041	Cylinder Rod	1
2	7660341631	Locknut	1
3	7754000011*	Wear Ring	2
4	7796000009*	Piston Seal	1
5	4698000008	Piston	1
6	7755226609*	Backup Ring	2
7	7755226000*	O-Ring	1
8	7754000028	Retaining Ring	1
9	7755342000*	O-Ring	1
10	7755342609*	Backup Ring	1
11	7754000012*	Wear Ring	1
12	7796000025*	Rod Seal	1
13	7796000011*	Rod Wiper Seal	1
14	4553000009	Head	1
15	7754000013	Retaining Ring	1
16	3071000011	Barrel, L.H.	1

* - Available Only in Service Kit No. 7577250026

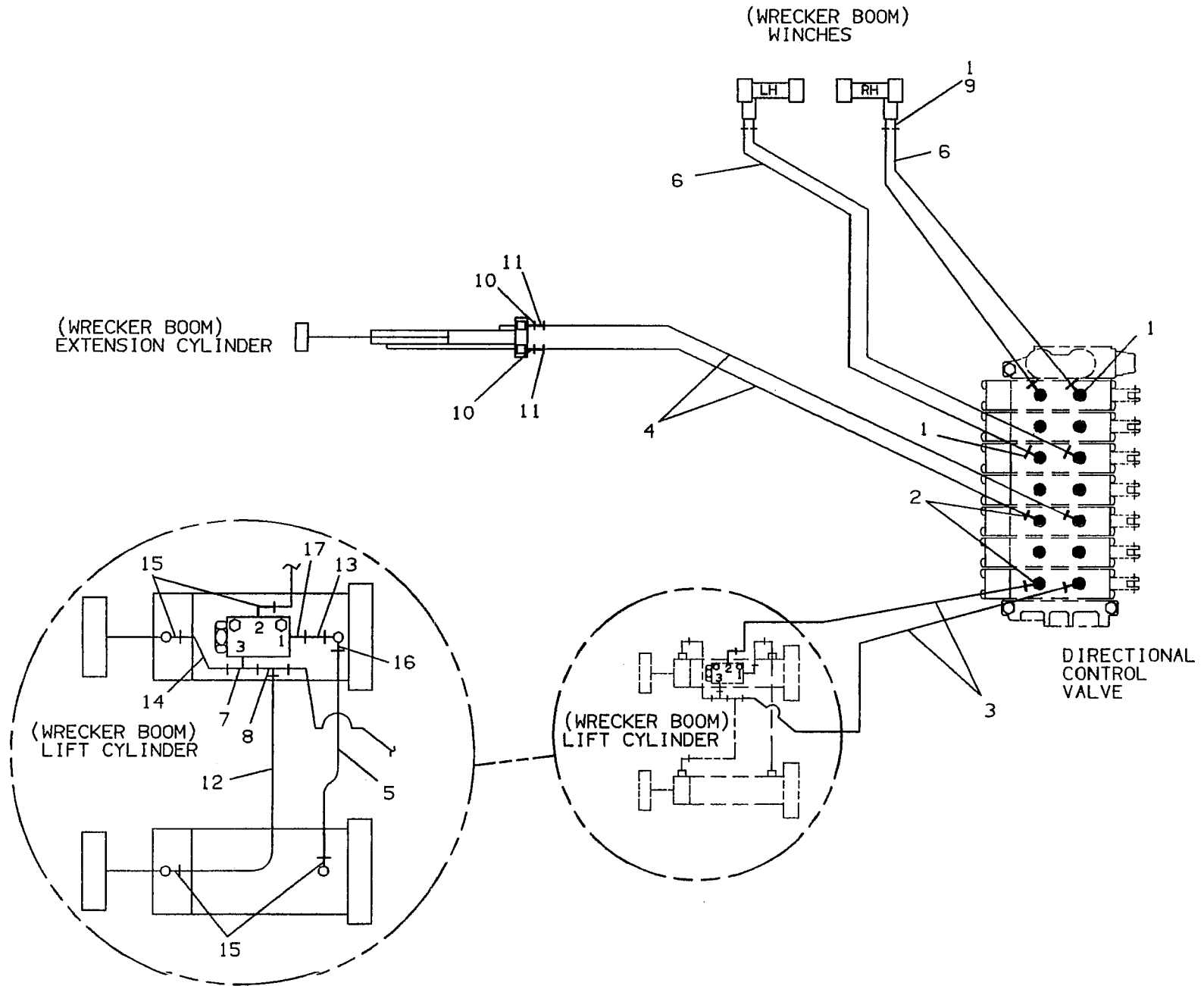
Rev. _____

Date _____

L.H. WRECKER BOOM LIFT CYLINDER
332000011



HYDRAULIC COMPONENTS



PARTS LIST — HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	Qty.
1	7445081043 (A)	Adapter	4
	7445081043 (B)	Adapter	8
2	7445061043	Adapter	4
3	4567322064	Hose	2
4	4567122055	Hose	2
5	7912000002	Tube	1
6	4567332075 (A)	Hose	2
	4567332075 (B)	Hose	4
7	7445060647	Tee	1
8	7443000030	Tee	1
9	7443000023 (A)	Elbow - 90°	2
	7443000023 (B)	Elbow - 90°	4
10	7445060643	Adapter	2
11	7445060672	Elbow - 90°	2
12	4567222022	Hose	1
13	7912000001	Tube	1
14	4570000008	Hose	1
15	7445060645	Elbow - 90°	4
16	7445060648	Tee	1
17	7445060646	Elbow - 45°	1

A - Application with Single Winch Wrecker Boom
 B - Application with Dual Winch Wrecker Boom

Rev. 1

Date 6-1-96

PARTS LIST — 10,000# WINCH

Ref. No.	Part No.	Description	Qty.
1	300062	Adapter	1
2	302956	Angle	2
3	308046	Bushing	1
4	308048	Bushing	2
5	316004	Bearing Cap	1
6	324163	Jaw Clutch	1
7	328010	Cover	1
8	330010	Drag Brake Shoe	2
9	332139	Drum	1
10	334016	Gear, R.H.	1
11	338009	Clutch Housing	1
12	338269	Gear Housing	1
13	342024	Key	1
14	342034	Key	1
15	342120	Key	2
16	450017	Key	2
17	356702	Drum Shaft	1
18	356902	Drum Shaft	1
19	358052	Shifter Handle	1
20	368007	Drum Spacer	1
21	368183	Worm, R.H.	1
22	370003	Yoke	1
23	400003	Poppet Ball	1
24	402044	Ball Bearing	1
25	412107	Thrust Bearing	1
26	412005	Bushing	1
27	412006	Bushing	1
28	414139	Capscrew	6
29	414140	Capscrew	8
30	414457	Capscrew	4
31	414481	Capscrew	4
32	414887	Capscrew	6
33	414952	Capscrew	2
34	416971	Poppet Screw	1
35	416059	Setscrew	1
36	416109	Setscrew	1
37	416112	Setscrew	1
38	418163	Lockwasher	6
39	418198	Lockwasher	8
40	418218	Lockwasher	2
41	442182	Bearing Cap Gasket	2
42	442183	Gear Housing Cover Gasket	1
43	456006	Fitting	2
44	456008	Relief Fitting	1
45	458025	Motor	1
46	462003	Ring Quad	2
47	468002	Reducer	1
48	468010	Pipe Plug	1
49	468011	Pipe Plug	1
50	486079	Pilot Seal	1
51	494005	Spring	1

Rev. _____

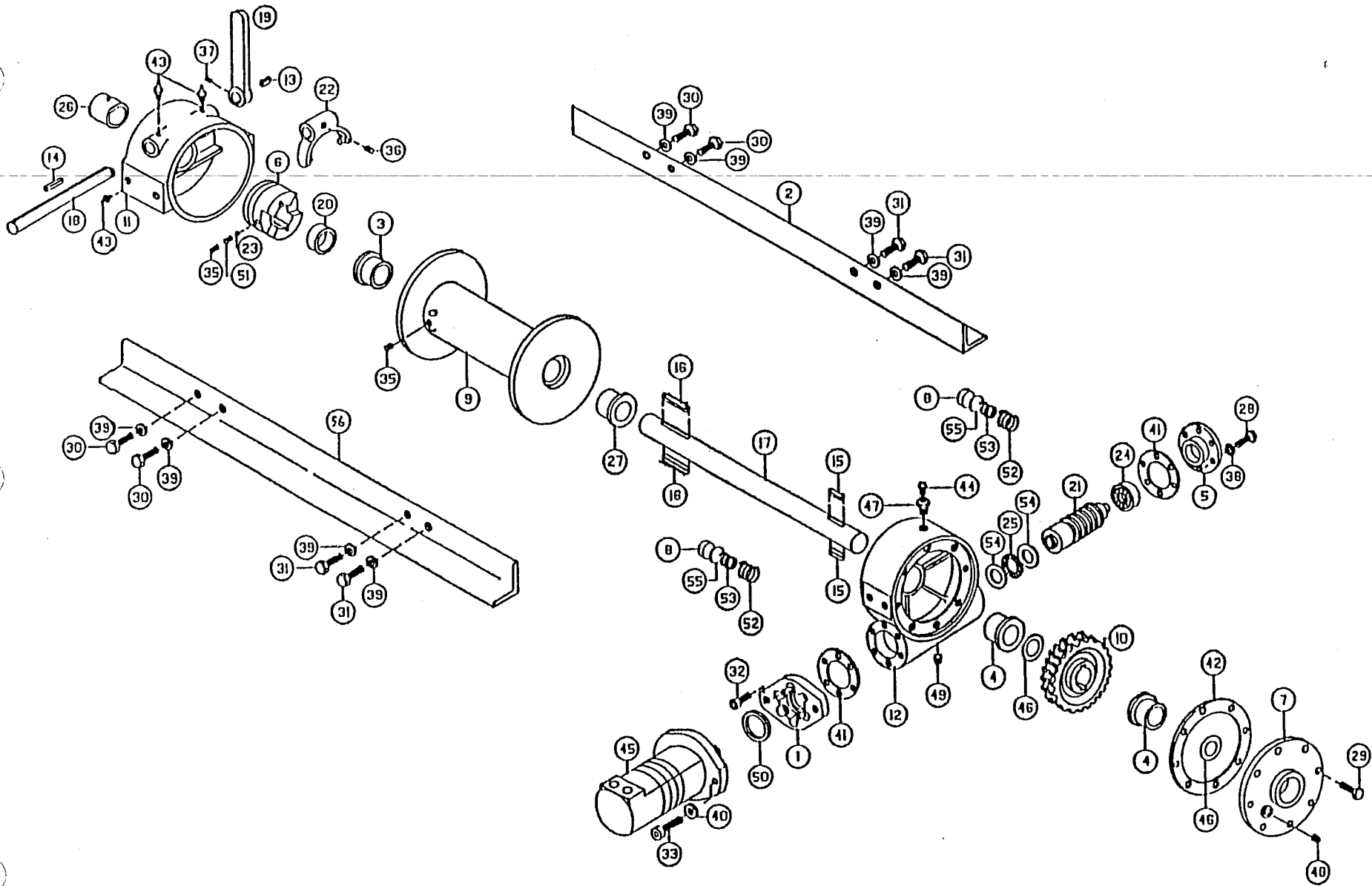
Date _____

Ref. No.	Part No.	Description	Qty.
52	494088	Drag Brake Spring	2
53	494089	Drag Brake Spring	2
54	518026	Thrust Washer	2
55	530094	Drag Brake Spacer	2
56	302955	Angle	1

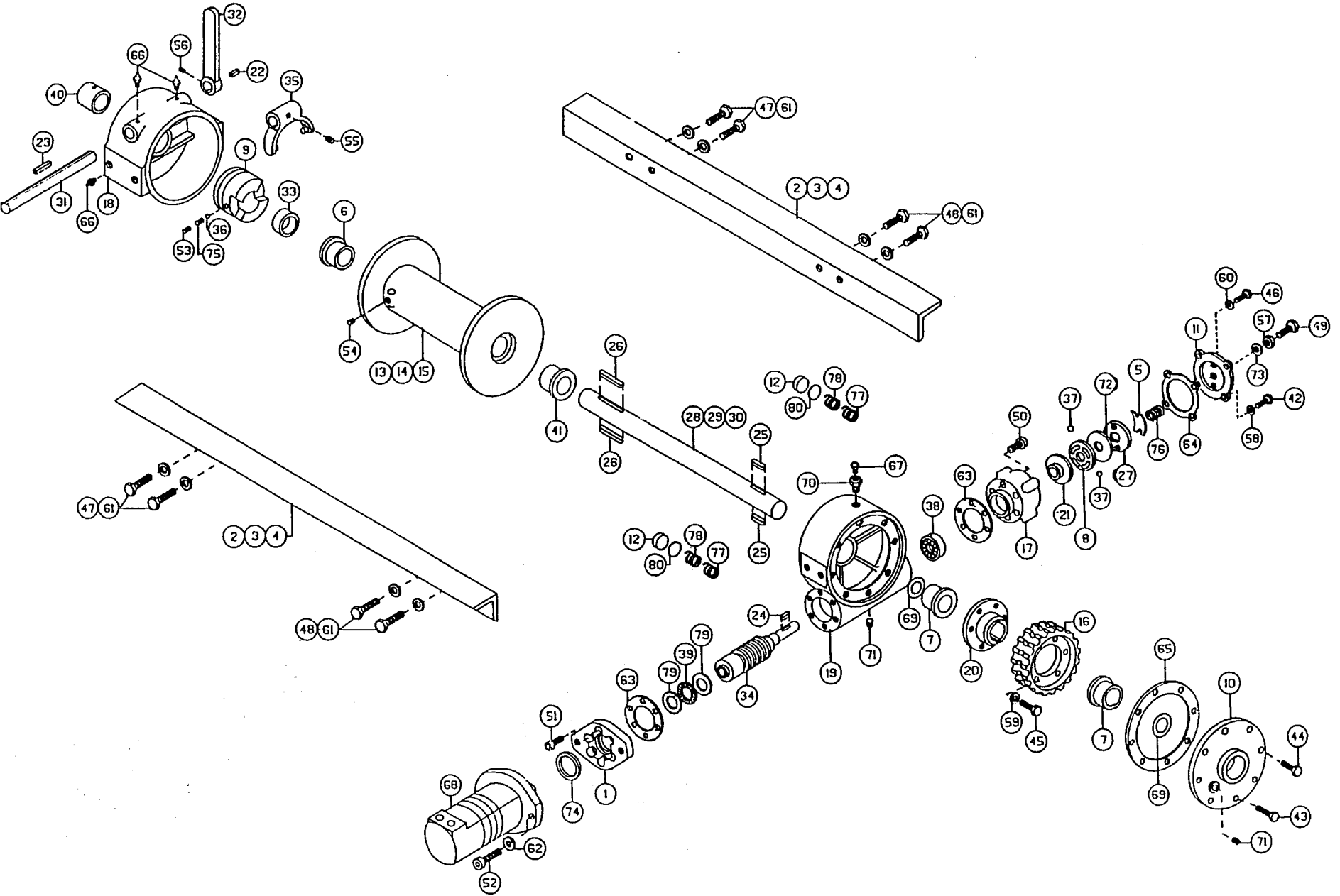
Rev. _____

Date _____

10,000# WINCH



12,000# WINCH



PARTS LIST — 12,000# WINCH

Ref. No.	Part No.	Description	Qty.
1	300062	Adapter	1
2	302229	Angle - 600	2
3	202380	Angle - Y600	2
4	302417	Angle - X600	2
5	306036	Spring, Flat	1
6	308046	Bushing	1
7	308048	Bushing	2
8	314003	Plate, Cam	1
9	324163	Clutch, Jaw	1
10	328046	Cover, G. Hsg.	1
11	328057	Cover, Brake	1
12	330010	Shoe, Drag Brake	2
13	332074	Drum - Y600	1
14	332140	Drum - 600	1
15	332141	Drum - X600	1
16	334050	Gear, R.H.	1
17	338038	Housing, Brake	1
18	338040	Housing, Clutch	1
19	338270	Housing, Gear	1
20	340014	Hub, Gear	1
21	340024	Hub, Brake	1
22	342024	Key, Sq. End	1
23	342032	Key, Sq. End	1
24	342051	Key, Rd. End	1
25	342120	Key, Rd. End	2
26	450017	Key, Barth	2
27	352020	Plate, Retainer	1
28	356806	Shaft, Drum - X600	1
29	357466	Shaft, Drum - 600	1
30	357468	Shaft, Drum - Y600	1
31	356945	Shaft, Shifter	1
32	358001	Shifter, Handle	1
33	362007	Spacer, Drum	1
34	368195	Worm, R.H.	1
35	370003	Yoke	1
36	400003	Ball, Poppet	1
37	400007	Ball	2
38	402044	Bearing, Ball	1
39	402107	Bearing, Thrust	1
40	412005	Bushing	1
41	412006	Bushing	1
42	414111	Capscrew	4
43	414140	Capscrew	1
44	414141	Capscrew	7
45	414283	Capscrew	6
46	414398	Capscrew	2
47	414457	Capscrew	4
48	414481	Capscrew	4
49	414603	Capscrew	1
50	414865	Capscrew	6

Rev. 1

E-23

Date 6-1-96

Ref. No.	Part No.	Description	Qty.
51	414887	Capscrew	6
52	414952	Capscrew	2
53	414971	Screw, Poppet	1
54	416059	Setscrew	1
55	416109	Setscrew	1
56	416112	Setscrew	1
57	418067	Nut, Jam	1
58	418163	Lockwasher	4
59	418176	Lockwasher	6
60	418184	Washer, Flat	2
61	418198	Lockwasher	8
62	418218	Lockwasher	2
63	442182	Gasket	2
64	442190	Gasket	1
65	442191	Gasket	1
66	456006	Fitting, Lube	3
67	456008	Fitting, Relief	1
68	458024	Motor, Hyd.	1
69	462003	Quad, Ring	2
70	468002	Reducer	1
71	468011	Plug, Pipe	2
72	474004	Plate	1
73	486076	Thread Seal	1
74	486079	Seal, Pilot	1
75	494005	Spring	1
76	494010	Spring	1
77	494088	Spring	2
78	494089	Spring	2
79	518026	Washer Thrust	2
80	530094	Spacer, Drag Brake	2

Rev. 1

Date 6-1-96