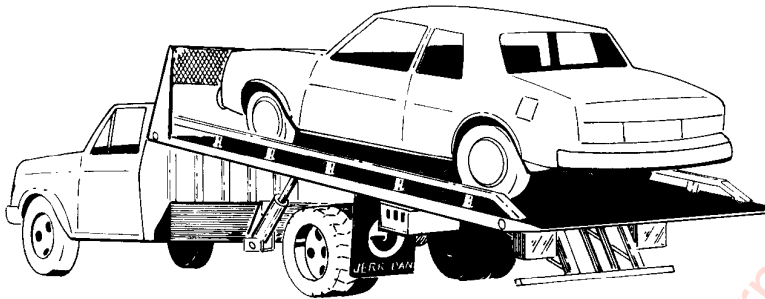




10 TON WRANGLER II

OPERATION, MAINTENANCE, AND PARTS MANUAL



JERR-DAN
CORP.

1080 Hykes Road
Greencastle, PA 17225

Phone (717) 597-7111

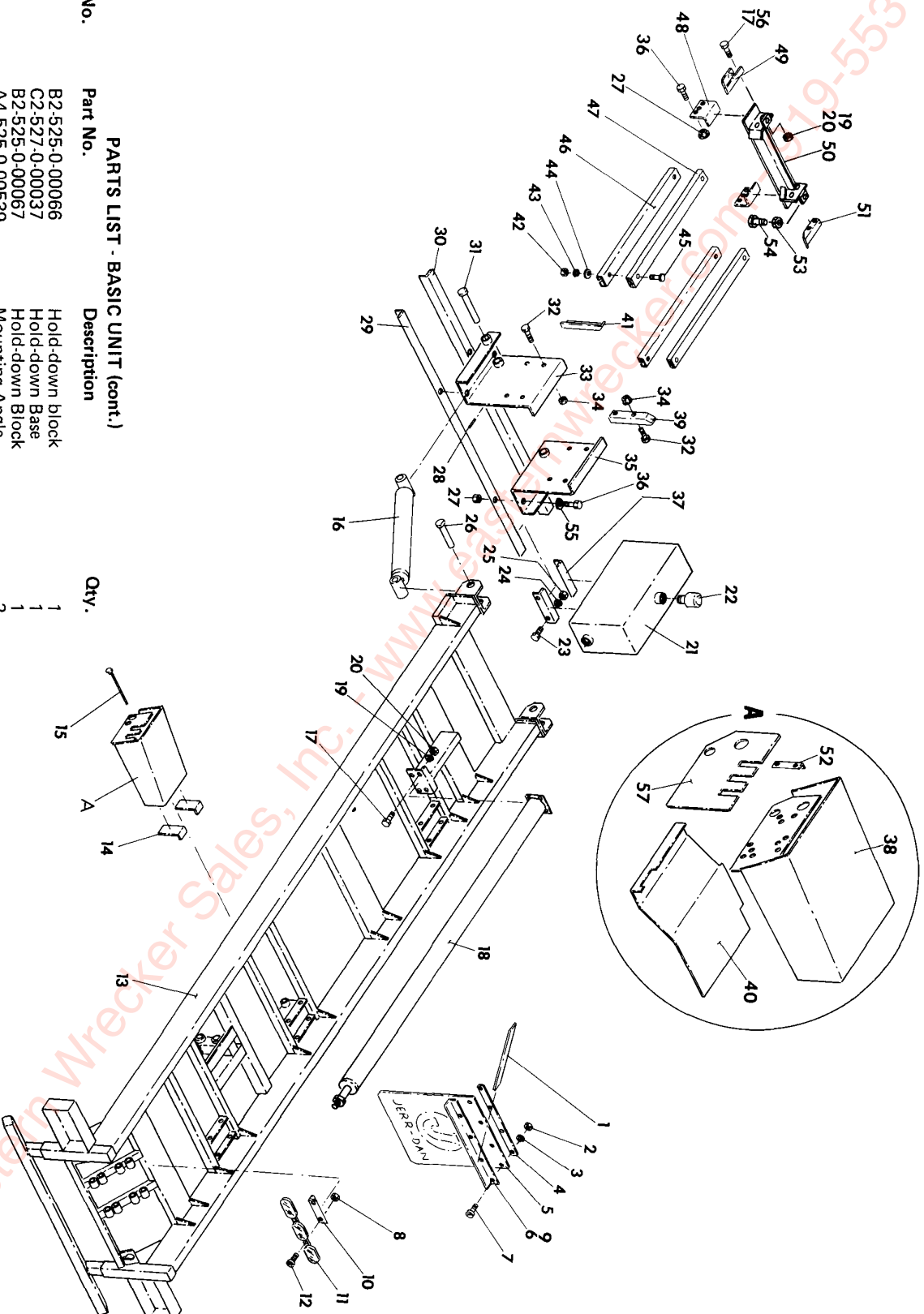
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PARTS LIST - BASIC UNIT

Ref. No.	Part No.	Description	Qty.
1	A4-525-0-00085	Brace	2
2	7-660-1-50000	Hex Nut	8
3	7-950-1-50000	Lockwasher	8
4	B4-525-0-00708	Back-up Strip	2
5	C5-526-0-00588	Mud Flap	2
6	B4-525-0-00710	R.H. Mud Flap Bracket	1
7	7-111-1-50813	Truss Head Screw	8
8	7-660-1-00710	Hex Nut	2
9	B4-525-0-00709	L.H. Mud Flap Angle	1
10	A4-533-1-00080	Light bar angle	1
11	5-533-0-00231	Bar light	1
12	7-111-1-00610	Stove Bolt	2
13	D2-534-0-00164	Subframe 20'-22' Deck	1
	D2-534-0-00135	Subframe 24'-26' Deck	1
14	B4-533-1-00075	Valve trough mount	2
	5-526-0-00557	Throttle Control 20'-22'	
15	5-526-0-00558	Throttle Control 24'-26'	1
16	C1-700-1-00005	Tilt Cylinder	2
17	7-111-2-01653	Hex Head Bolt	8
	C1-700-1-00013	Rollback cylinder 26' Deck	1
	C1-700-1-00012	Rollback cylinder 24' Deck	1
	C1-700-1-00011	Rollback cylinder 20'-22' Deck	1
18	7-950-2-00000	Lockwasher	8
19	7-660-2-00710	Hex Nut	8
20	C2-534-0-00062	Oil Reservoir	1
21	7-258-0-00063	Breather	1
22	7-111-1-81453	Hex Head Bolt	4
23	7-950-1-80000	Lockwasher	4
24	7-660-1-80000	Hex Nut	4
25	A2-534-0-00029	Upper Tilt Cyl. Pin	2
26	7-660-1-82317	Hex Nut	10
27	7-690-0-34040	Expansion Pin	2
28	B4-534-0-00042	Saddle Angle	1
29	B4-534-0-00121	Saddle Angle	1
30	A4-534-0-00124	Lower Tilt cyl. Pin	2
31	7-105-2-01650	Hex Head Bolt	12
32	C2-534-0-00067	Saddle	1
33	7-660-2-01630	Hex Lock Nut	12
34	C2-534-0-00066	Saddle	1
35	7-111-1-81450	Hex Head Bolt	10
36	C2-534-0-00120	Mounting Angle	2
37	C2-534-0-00026	Valve Trough	1
38	B2-520-0-00009	Body Stay	1
39	C4-534-00337	Dust Cover	1
40	B2-520-0-00008	Body Stay	1
41	7-660-1-60000	Hex Nut	4
42	7-950-1-60000	Lockwasher	4
43	7-950-1-60251	Flatwasher	4
44	7-111-1-63264	Carriage Bolt	4
45	4-534-0-00448	C-Channel 20' Deck	2
46	4-534-0-00446	C-Channel 22' Deck	2
	B4-534-0-00422	C-Channel 24' Deck	2
	4-534-0-00423	C-Channel 26' Deck	2
47	*	Wood Block	2
48	B4-534-0-00401	Mounting Angle	2

*Measure length of wood block before ordering. (cont.)

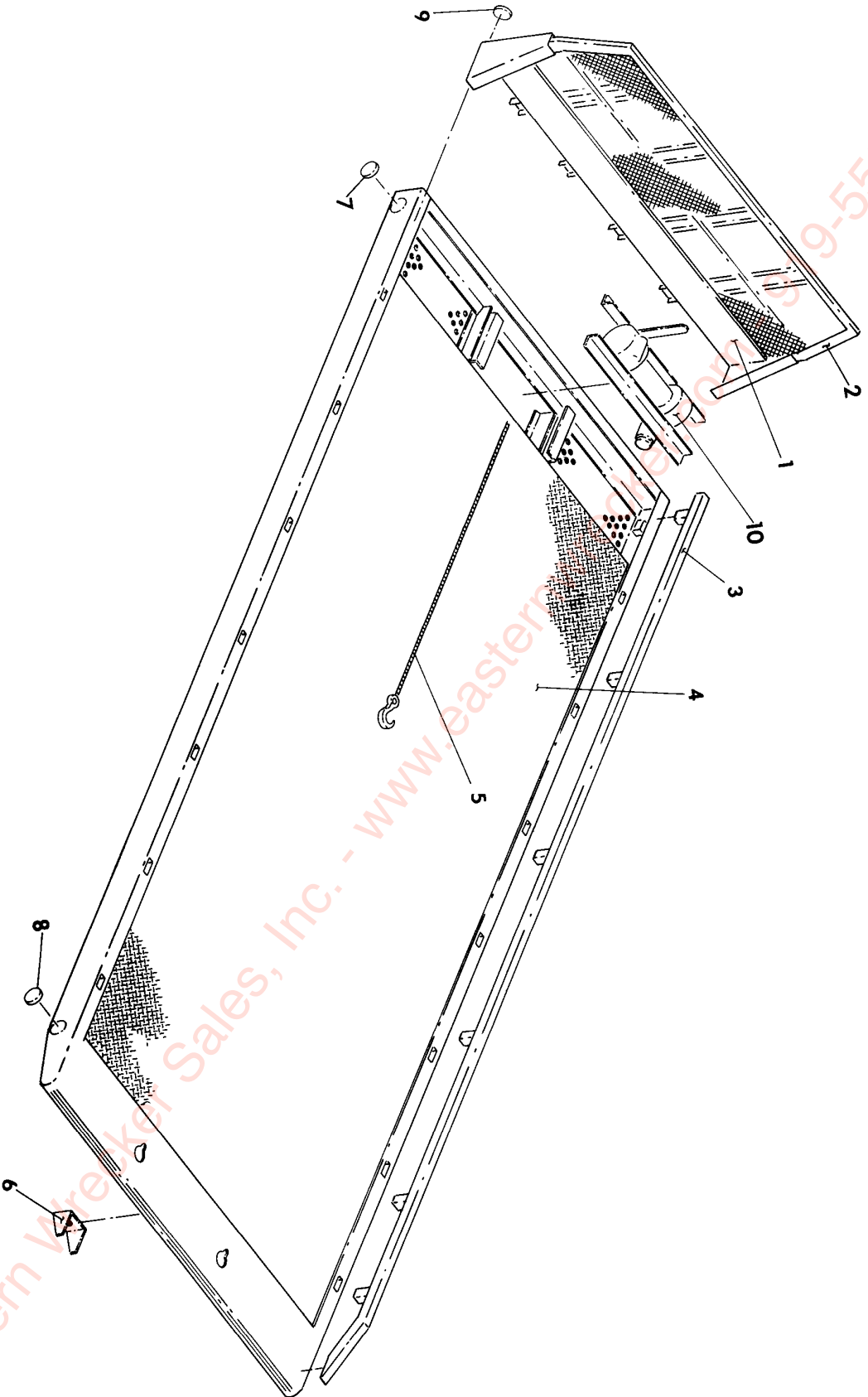
BASIC UNIT



PARTS LIST - BASIC UNIT (cont.)

Ref. No.	Part No.	Description	Qty.
49	B2-525-0-00066	Hold-down block	1
50	C2-527-0-00037	Hold-down Base	1
51	B2-525-0-00067	Hold-down Block	1
52	A4-525-0-00539	Mounting Angle	2
53	7-660-2-00200	Jam Nut	2
54	7-111-2-01453	Hex Head Bolt	2
55	7-950-1-80153	Hardened Flatwasher	4
56	7-950-2-00161	Flatwasher	4
57	B4-525-0-00540	Decal plate	1

DECK



PARTS LIST - DECK

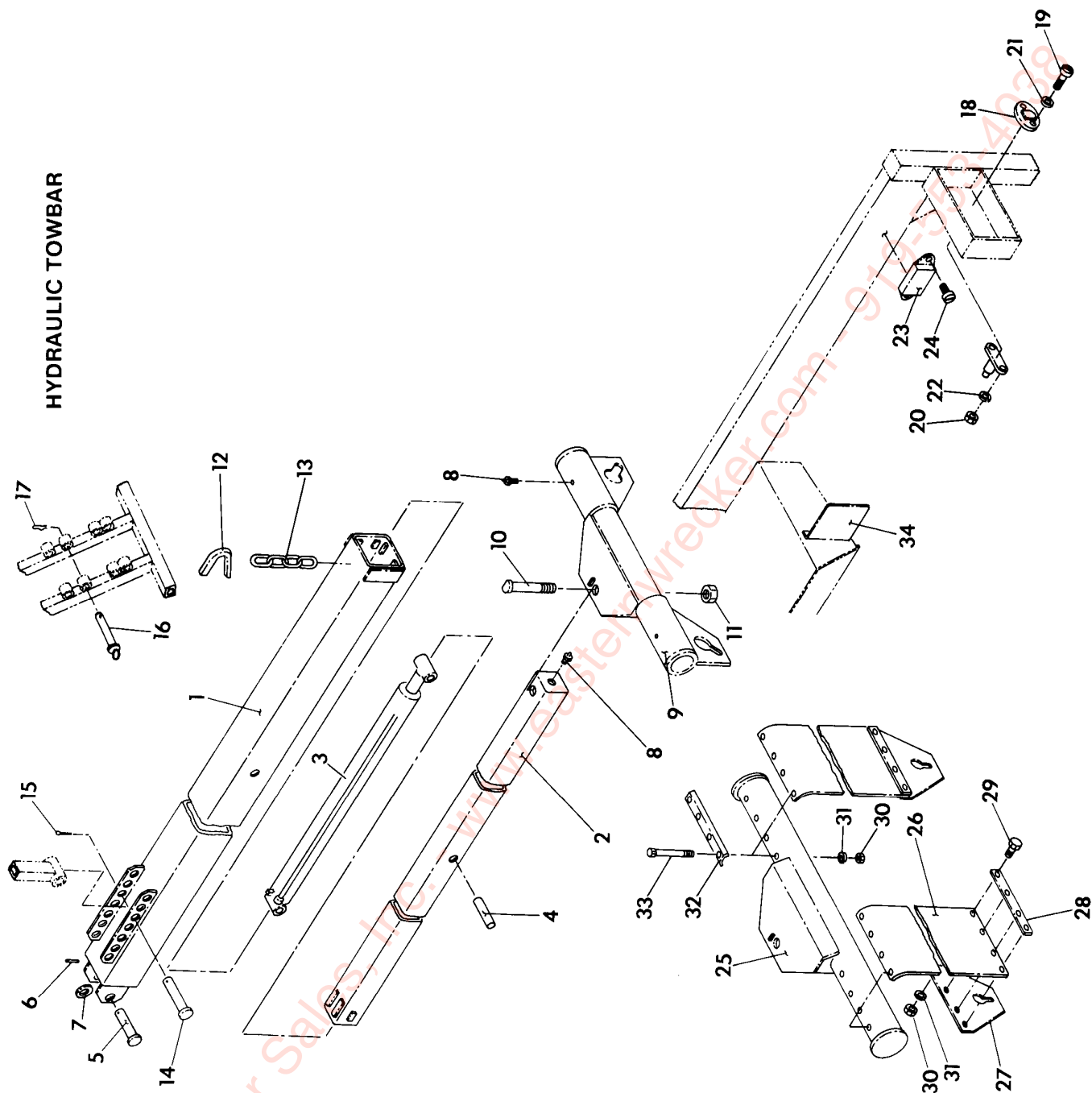
Ref. No.	Part No.	Description	Qty.
1	D2-100-2-00021	Half Cab Protector	1
2	D2-100-2-00023	Top Screen	1
3	D2-534-0-00076	Permanent Raised Rails 20' Deck	2
	D2-534-0-00077	Permanent Raised Rails 22' Deck	2
	D2-534-0-00078	Permanent Raised Rails 24' Deck	2
	D2-534-0-00079	Permanent Raised Rail 26' Deck	2
4		Deck	1
5	3-525-0-00218	Winch Cable Assembly	1
6	C4-525-0-00089	Rollback Bracket	1
7	3-100-0-00004	Red Clearance Light	2
8	3-100-0-00003	Amber Clearance Light	2
9	5-531-0-00023	Amber Reflector	2
10		Winch Assembly	1

PARTS LIST - FINAL ASSEMBLY - HYDRAULIC TOWBAR

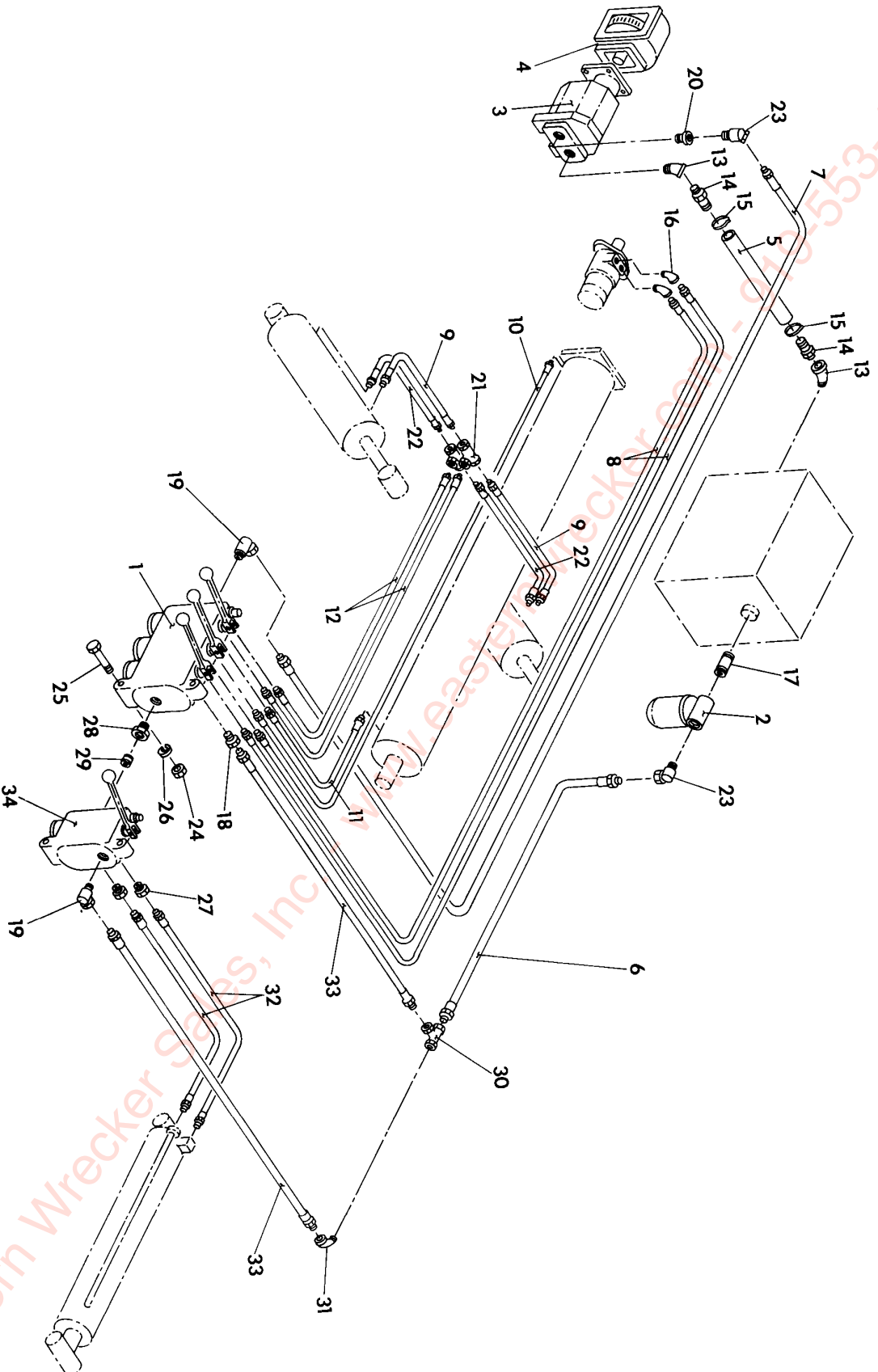
Ref. No.	Part No.	Description	Qty.
1	C2-100-2-00001	Outer Tube	1
2	C2-100-2-00002	Inner Tube	1
3	C1-700-1-00001	Towbar Cylinder	1
4	A4-100-2-00021	Cylinder Cross Pin	1
5	A2-100-2-00034	Cylinder Base Pin	1
6	7-690-1-43244	Expansion Pin	1
7	A4-533-0-00548	Spacer	2
8	7-440-0-00000	Grease Fitting	3
9	C1-100-2-00002	Keyslot Towhitch	1
10	A2-100-2-00005	Hitch Pin	1
11	7-660-2-61630	Hex Locknut	1
12	A4-534-0-00300	Clip	1
13	5-530-0-00084	Safety Chain	1
14	A2-533-1-00022	Towbar Attaching Pin	1
15	7-690-1-03210	Cotter Pin	1
16	A2-533-1-00019	Height Adjusting Pin	2
17	5-533-0-00106	Hair Pin	2
18	7-364-0-00423	4 Way Connector	1
19	7-111-1-40613	Truss Head Screw	2
20	7-660-1-40000	Hex Nut	2
21	7-950-1-40251	Flatwasher	2
22	7-950-1-40000	Lockwasher	2
23	5-533-0-00145	Junction Box	1
24	7-790-1-40856	Self-tapping Screw	2
25*	C2-100-2-00024	Strap Towhitch	1
26*	5-534-0-00005	Strap	2
27*	B4-100-3-00071	Keyslot	2
28*	A4-100-3-00072	Clamp Bar	2
29*	7-111-1-61253	Hex Head Bolt	8
30*	7-660-1-60000	Hex Nut	16
31*	7-950-1-60000	Lockwasher	16
32*	A4-100-3-00073	Clamp Bar	2
33*	7-111-1-63253	Hex Head Bolt	8
34	B4-530-0-00065	Valve Mounting Bracket	1

* ITEMS 25 THRU 33 ARE OPTIONAL IN LIEU OF ITEM 9.

HYDRAULIC TOWBAR



HYDRAULIC COMPONENTS

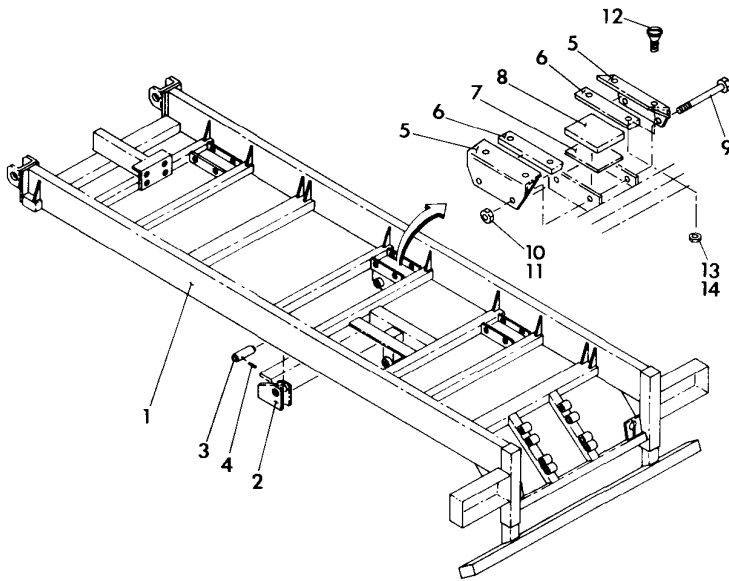


PARTS LIST - HYDRAULIC COMPONENTS

Ref. No.	Part No.	Description	Qty.
1	3-100-0-00002	Valve	1
2	3-525-0-00216	Oil Filter	1
3	3-527-0-00068	Pump	1
4	as required	P. T. O.	1
5	*	Suction Hose	1
6	*	Return Hose	1
7	*	Pressure Hose	1
8	*	Winch Hose	2
9	*	Tilt Cylinder Hose (rod end)	2
10	*	Rollback Cylinder Hose (barrel end)	1
11	*	Rollback Cylinder Hose (rod end)	1
12	*	Tilt Cylinder Hose (valve to tee)	2
13	7-444-1-01090	1.25 x 45° Street Elbow	2
14	7-445-2-02078	Hose Adapter	2
15	5-527-0-00067	Hose Clamp	2
16	7-445-0-80804	90° Swivel Elbow	2
17	7-650-0-60160	Pipe Nipple	1
18	7-445-1-21201	Swivel Union	1
19	7-445-1-21204	Swivel Elbow	2
20	7-444-0-80654	Reducer	1
21	7-445-0-80613	Tee	2
22	*	Tilt Cylinder Hose (barrel end)	2
23	7-445-1-21209	45° Swivel Elbow	2
24	7-660-1-60000	Hex Nut	6
25	7-111-1-62053	Hex Head Bolt	6
26	7-950-1-60000	Lockwasher	6
27	7-444-0-40354	Reducer	2
28	5-525-0-00533	Power Beyond Kit	1
29	7-650-0-60200	Pipe Nipple	1
30	5-535-0-00165	Tee	1
31	7-444-0-60670	90° Street Elbow	1
32	*	Towbar Cylinder Hose	2
33	*	Return Hose	2
34	3-100-0-00011	Valve	1

* When ordering replacement hoses measure length and which hose is required.

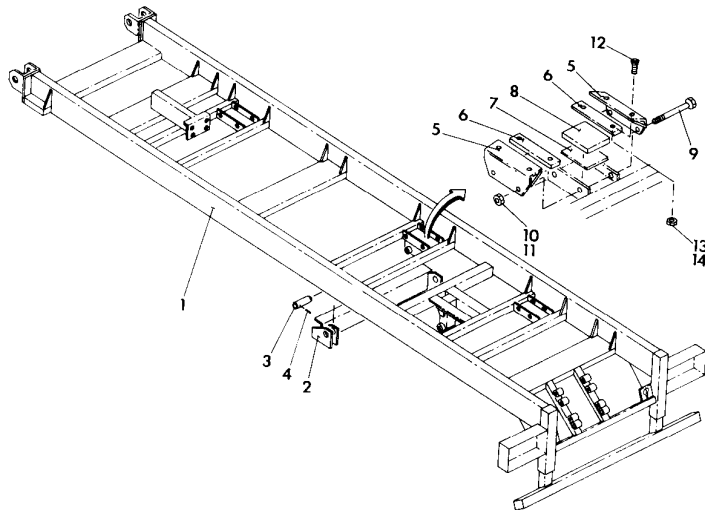
SUBFRAME COMPONENTS



PARTS LIST - 20' - 22' SUBFRAME COMPONENTS

Ref. No.	Part No.	Description	Qty.
1	D2-534-0-00164	Subframe	1
2	C2-534-0-00158	Trunnion	1
3	A4-533-1-00090	Hinge Pin	2
4	7-690-1-64040	Expansion Pin	2
5	B4-534-0-00169	Nylatron Holder	12
6	A4-525-0-00653	Wear Pad	12
7	A4-534-0-00176	Nylatron Spacer	6
8	A4-534-0-00171	Nylatron Pad	6
9	7-115-1-82850	Hex Head Bolt	12
10	7-660-0-80000	Hex Head Nut	12
11	7-950-1-80000	Lockwasher	12
12	7-111-1-60007	Flat head Machine Screw	24
13	7-660-1-60000	Hex Nut	24
14	7-950-1-60000	Lockwasher	24

SUBFRAME



PARTS LIST - 24' - 26' SUBFRAME COMPONENTS

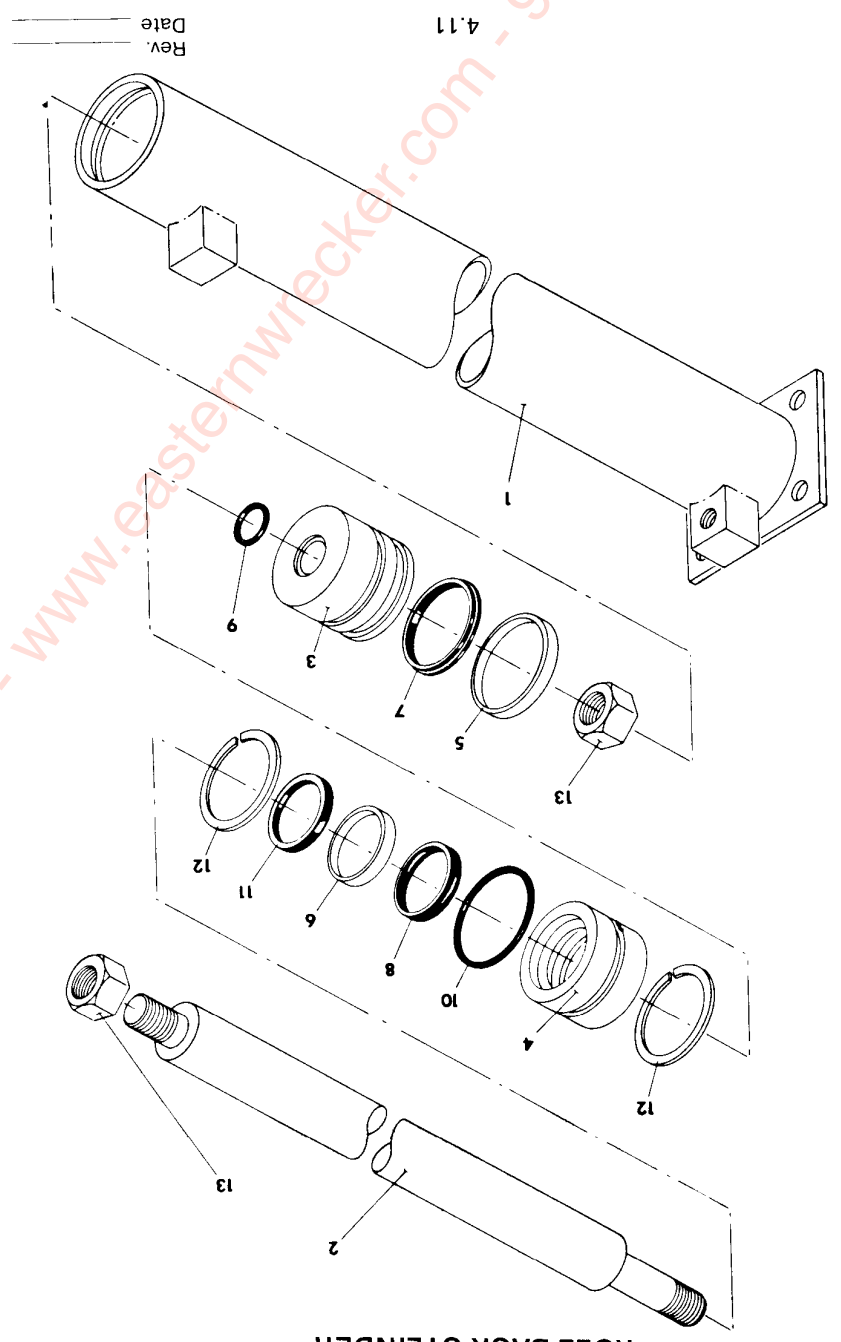
Ref. No.	Part No.	Description	Qty.
1.	D2-534-0-00135	Subframe	1
2	C2-534-0-00158	Trunnion	1
3	A4-533-1-00090	Hinge Pin	2
4	7-690-1-64040	Expansion Pin	2
5	B4-534-0-00169	Nylatron Holder	12
6	A4-525-0-00653	Wear Pad	12
7	A4-534-0-00176	Nylatron Spacer	6
8	A4-534-0-00171	Nylatron Pad	6
9	7-115-1-82850	Hex Head Bolt	12
10	7-660-1-80000	Hex Head Nut	12
11	7-950-1-80000	Lockwasher	12
12	7-111-1-60007	Flat head Machine Screw	24
13	7-660-1-60000	Hex Nut	24
14	7-950-1-60000	Lockwasher	24

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Date _____

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ROLL BACK CYLINDER



Rev. 4.11

Date

PARTS LIST - ROLLBACK CYLINDER

Ref. No.	Part No.	Description	Qty.
1	C2-700-2-00016	Barrel Weldment (711)	1
	C2-700-2-00017	Barrel Weldment (712)	
	C2-700-2-00018	Barrel Weldment (713)	
2	B4-700-2-00039	Rod (711)	1
	B4-700-2-00041	Rod (712)	
	B4-700-2-00043	Rod (713)	
3	B4-700-2-00020	Piston	1
4	B4-700-2-00021	Head	1
5	A5-700-0-00008*	Ring, Wear	1
6	A5-700-0-00009*	Ring, Wear	1
7	A5-700-0-00010*	Seal, 'T'	1
8	A5-700-0-00011*	Seal, Rod	1
9	7-755-2-22000*	Ring, 'O'	1
10	7-755-3-42000*	Ring, 'O'	1
11	A5-700-0-00012*	Seal, Rod Wiper	1
12	A5-700-0-00013	Ring, Retaining	2
13	7-660-3-41630	Nut, Lock	2

* AVAILABLE ONLY IN SERVICE PARTS KIT NO. 9-700-0-00002

NOTE: Cylinder Identification

A 3 digit number is stamped on the port block (ie 711) and this number will identify which barrel weldment and rod is used.

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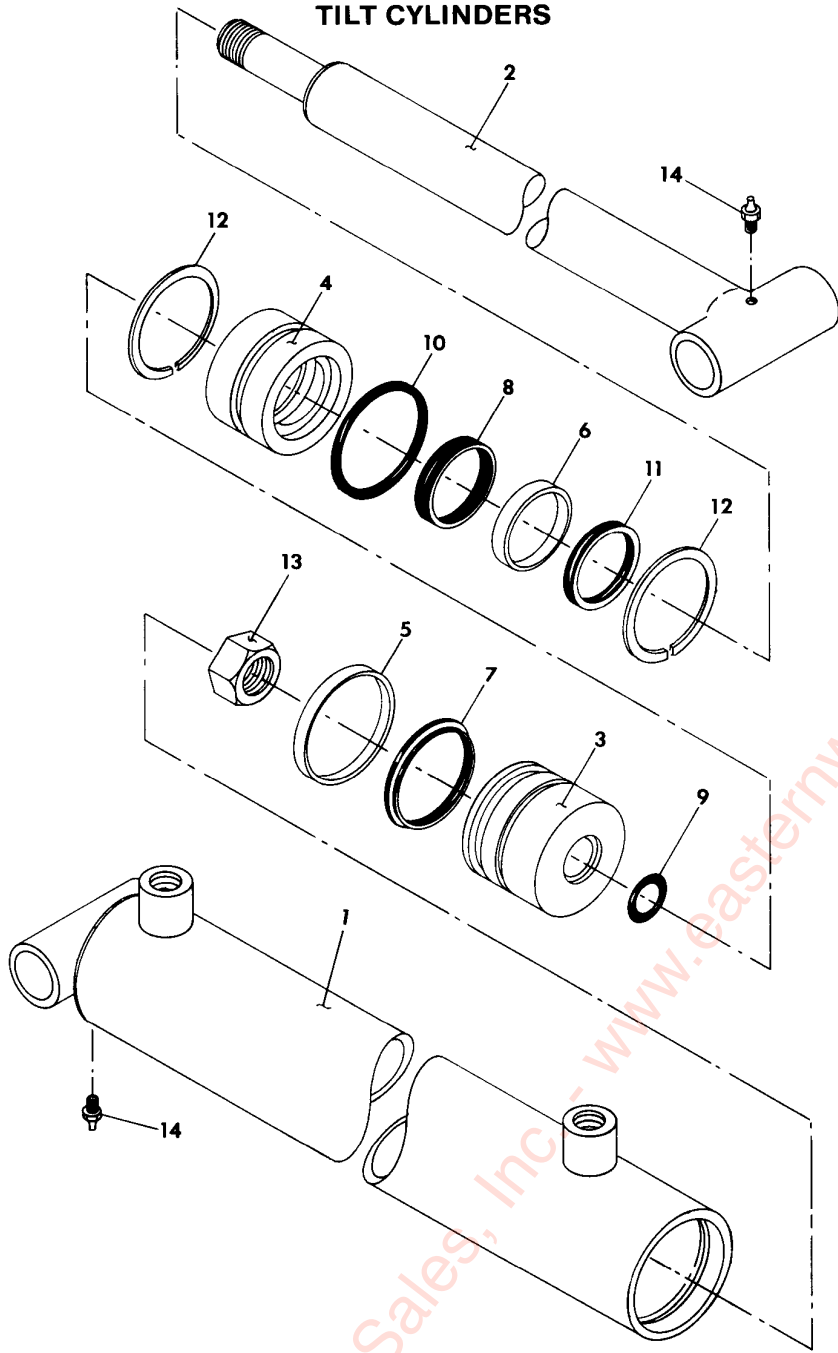
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PARTS LIST - TILT CYLINDER

Ref. No.	Part No.	Description	Qty.
1	C2-700-2-00008	Barrel Weldment	1
2	B2-700-2-00010	Rod Weldment	1
3	B4-700-2-00020	Piston	1
4	B4-700-2-00021	Head	1
5	A5-700-0-00008*	Ring, Wear	1
6	A5-700-0-00009*	Ring, Wear	1
7	A5-700-0-00010*	Seal, T	1
8	A5-700-0-00011*	Seal, Rod	1
9	7-755-2-22000*	"O" Ring	1
10	7-755-3-42000*	'O' Ring	1
11	A5-700-0-00012*	Seal, Rod Wiper	1
12	A5-700-0-00013	Ring, Retaining	2
13	7-660-3-41630	Nut, Lock	1
14	7-440-0-00200	Fitting, Grease	2

*AVAILABLE ONLY IN SERVICE PARTS KIT NO. 9-700-0-00002

TILT CYLINDERS

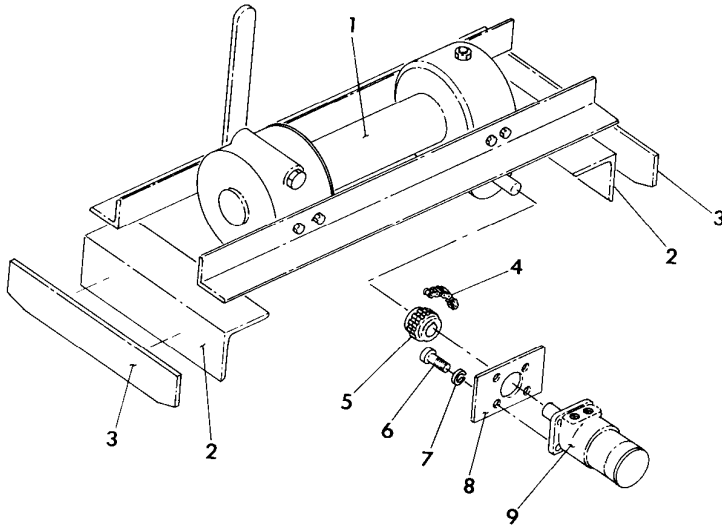


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WINCH COMPONENTS

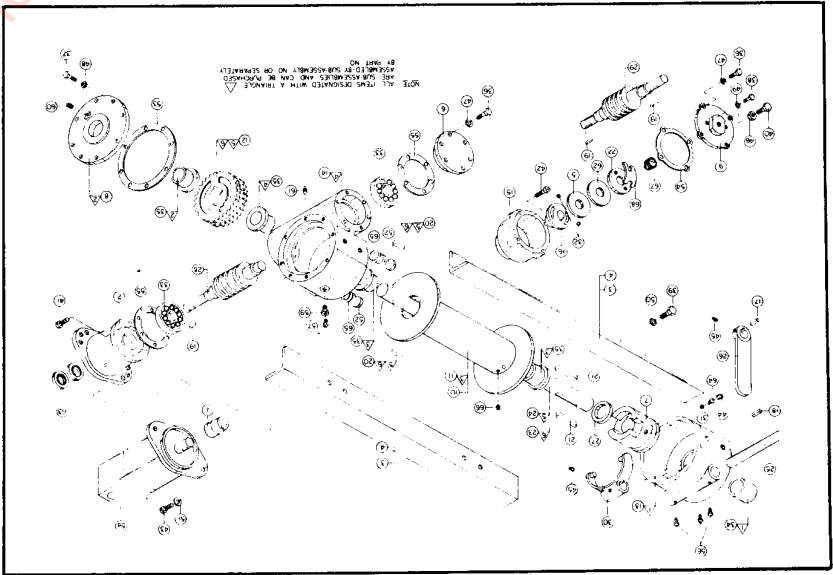


PARTS LIST - WINCH COMPONENTS

Ref. No.	Part No.	Description	Qty.
1	3-525-0-00214	Winch	1
2	4-525-0-00703	Winch Mounting Angle	2
3	4-525-0-00613	Tie Plate	2
4	5-533-0-00055	Chain	1
5	5-533-0-00054	Coupling	2
6	7-111-1-60653	Hex Head Bolt	4
7	7-950-1-60000	Lockwasher	4
8	A4-527-0-00108	Orbit Motor Mounting Plate	1
9	3-525-0-00219	Orbit Motor	1

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MATERIAL LISTING

ITEM NO.	QTY	PART NO.	DESCRIPTION	ITEM NO.	QTY	PART NO.	DESCRIPTION	ITEM NO.	QTY	PART NO.	DESCRIPTION
3	2	302455	Angle (400)	25	1	356902	Shaft	47	6	418163	Washer (G-400)
5	1	314003	Cam (G-400)	26	1	358001	Lever	48	8	418184	Washer (G-400)
6	1	316004	Cap	27	1	362007	Spacer	49	2	418189	Washer
7	1	324102	Clutch	28	1	368004	Worm R.H.	50	8	418198	Washer
8	1	328010	Cover (G-400)	29	1	368057	Worm R.H. (G-400)	51	8	418199	Washer
9	1	328057	Cover (G-400)	30	1	370003	Yoke	52	2	438001	Drag Brake
10	1	332004	Drum	31	1	400003	Ball	53	1	442010	Gasket
12	1	334016	Gear R.H.	32	1	400007	Ball (G-400)	54	1	442020	Gasket (G-400)
13	1	338009	Housing	33	2	402044	Bearing	55	3	458006	Fitting
14	1	338010	Housing	34	1	412005	Bushing	56	3	458008	Fitting
15	1	338038	Housing (G-400)	35	2	412006	Bushing	57	3	458009	Fitting
16	1	340024	Hub (G-400)	36	4	412007	Bushing	58	1	468002	Reducer
17	1	342024	Key	37	8	414127	Cap screw	59	1	468010	Plug
18	1	342051	Key	38	8	414134	Cap screw	60	1	468011	Plug
19	2	342120	Key	39	8	414390	Cap screw (G-400)	61	1	468012	Seal
20	2	342123	Key	40	8	414410	Cap screw (G-400)	62	1	474004	Washer (G-400)
21	2	352020	Plate (G-400)	41	8	414411	Cap screw (G-400)	63	1	474005	Washer (G-400)
22	1	356702	Shaft (400)	42	6	414871	Cap screw (G-400)	64	1	484006	Spring
23	1	356703	Shaft (400)	43	6	414872	Cap screw (G-400)	65	2	484007	Spring
24	1	356704	Shaft (400)	44	1	414971	Screw	66	1	416057	Spring (G-400)
25	1	356705	Shaft (400)	45	2	416108	Screw	67	1	494010	Spring (G-400)
26	1	356706	Shaft (400)	46	1	418067	Nut (G-400)	68	1	494020	Spring (G-400)

SUB ASSEMBLY LISTING

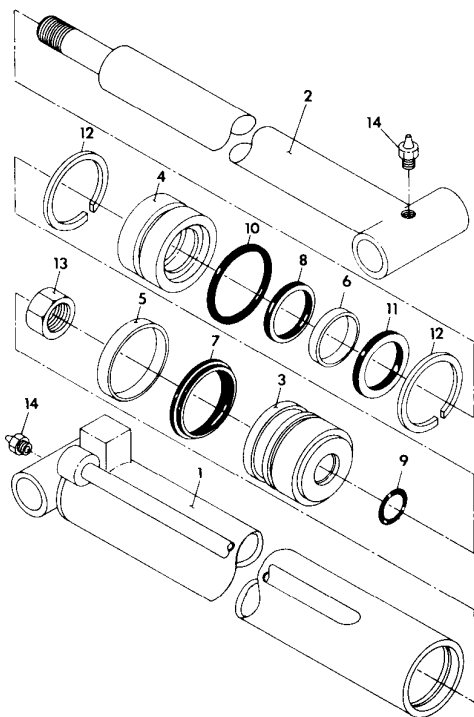
ITEM NO.	QTY	PART NO.	DESCRIPTION	ITEM NO.	QTY	PART NO.	DESCRIPTION
1	1	222015	Clutch Hsg. Assy.	1	1	248010	Gear Hsg. Assy.
2	1	228008	Cover Assy.	2	1	250163	Gear & Shaft Assy.
3	1	234069	Drum Assy.	3	1	250163	Gear & Shaft Assy.

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Date

Eastern Wrecker Sales, Inc.

TOWBAR CYLINDER



PARTS LIST-TOWBAR CYLINDER

Ref. No.	Part No.	Description	Qty.
1	C2-700-2-00001	Barrel	1
2	B2-700-2-00002	Rod	1
3	B4-700-2-00008	Piston	1
4	B4-700-2-00009	Head	1
5	A5-700-0-00005*	Ring, Wear	1
6	A5-700-0-00006*	Ring, Wear	1
7	A5-700-0-00001*	Seal, Piston 'T'	1
8	A5-700-0-00002*	Seal, Rod	1
9	7-755-2-14000*	'O' Ring	1
10	7-755-3-34000*	'O' Ring	1
11	A5-700-0-00003*	Seal, Rod Wiper	1
12	A5-700-0-00004	Ring, Retaining	2
13	7-660-2-61632	Nut, Lock	1
14	7-440-0-00000	Fitting, Grease	2

* Available only in Service Kit No. 9-700-0-00001

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