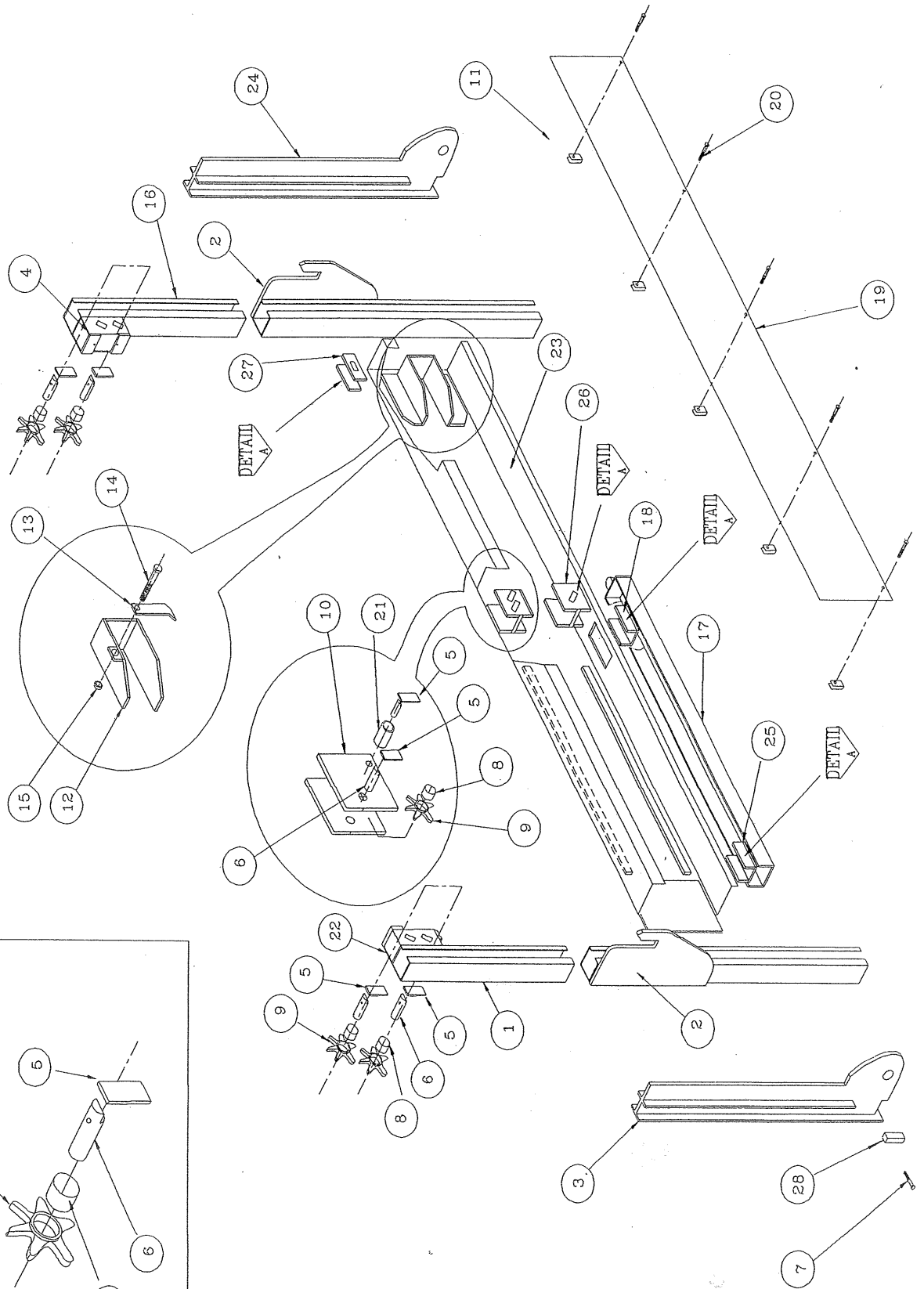
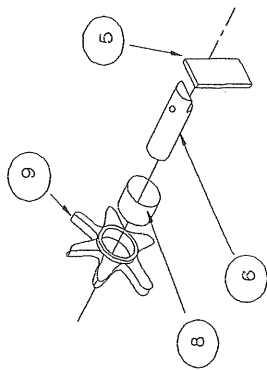


DD-H-FRAME BREAKDOWN

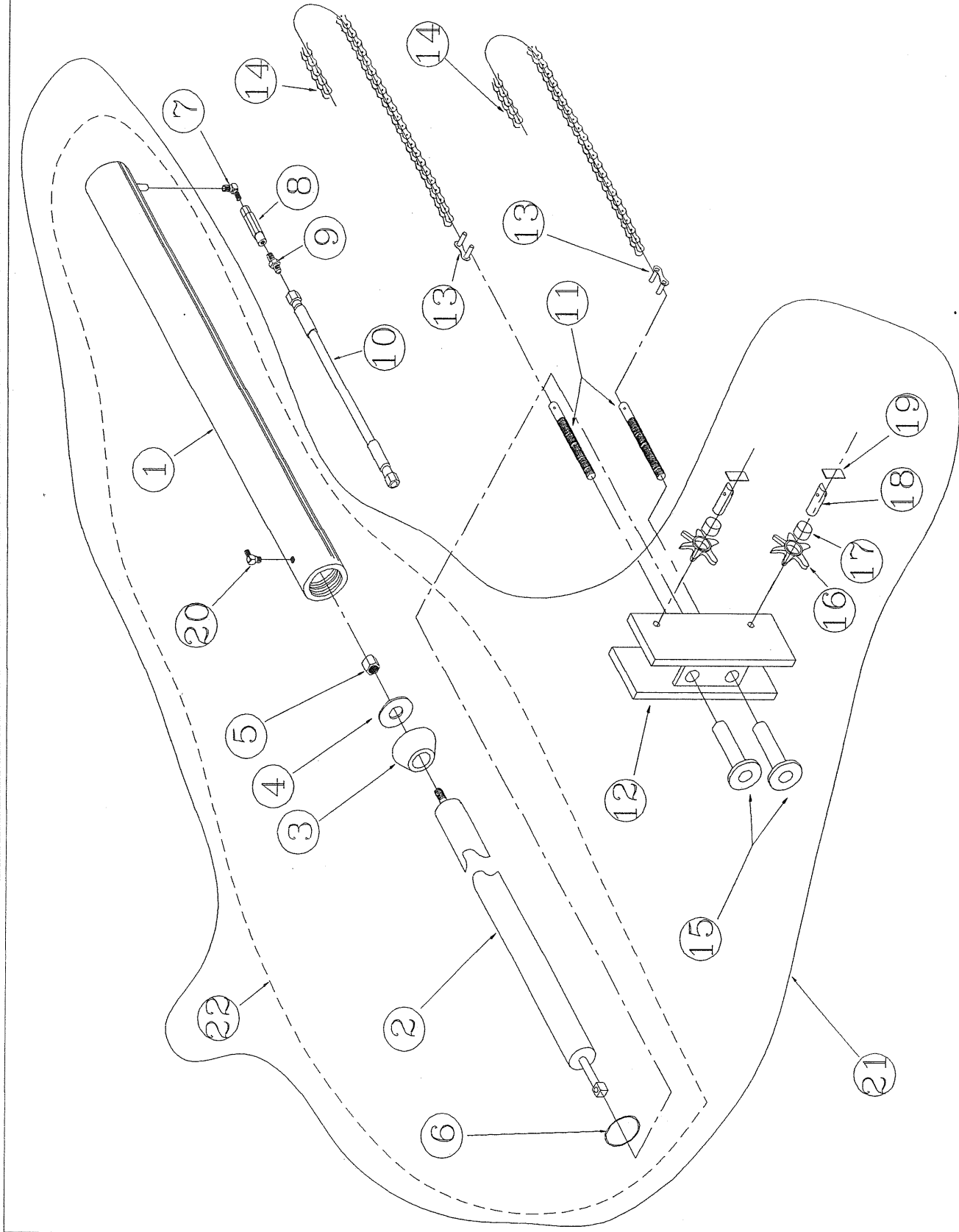
DETAIL A



DD H-FRAME BREAKDOWN

Item #	Part # 2000 lbs	Part # 3000 lbs	Description	Quantity
1	20084	20084	Track-L/H Only – 120" Long AF	1
2	40487	40487	Travel Plate, 3/8" x 8-1/2" (Straight Platform)	2
2	40488	40488	Travel Plate, 3/8" x 9-1/2" (Folding Platform)	2
3	20073	20073	Alum. Slider L/H, 46-1/2" x 4" Tab W 1-1/2" Hole & LSD	1
4	20080	20080	Track Bracket R/H – ML/AF	1
5	20018	20018	Sprocket Pin Retainer	9
6	20016	20016	Sprocket Pin – 5/8" x 2-1/8" Long	9
7	20042	20042	Screw, Slider Termination, 1-1/4" Long	4
8	20015	20015	Needle Bearing	9
9	20013	-----	Sprocket – 13 Tooth W/Bearing (ASA50)	9
9	-----	30007	Sprocket – 11 Tooth W/Bearing (ASA60)	9
10	40490	40490	Sprocket Return Bracket – Upper (DD)	1
11	20049	20049	Tinnerman Clip 1/4"	5
12	20600	20600	Cylinder Support Bracket - DD	1
13	40489	40489	Cylinder Anchor Strap - DD	1
14	30211	30211	Bolt, 1/4" x 1" UNC Plated	1
15	10086	10086	Nut, 1/4" UNC Plated	1
16	20085	20085	Track-R/H Only – 120" Long AF	1
17	40491	40491	Roller Chain External Guard - DD	1
18	20606	20606	Sprocket Bracket Center – External (DD)	1
19	40494	40494	Housing Cover 90" - DD	1
20	20030	20038	Bolt, 1/4" x 3/4" UNC Plated	5
21	20367	20367	Nylon Roller, 1-1/4" O.D. x 16 MM I.D.	1
22	20081	20081	Track Bracket L/H – ML/AF	1
23	20088	20088	Housing Only 90" - DD	1
24	20072	20072	Alum. Slider R/H, 46-1/2" x 4" Tab W 1-1/2" Hole & LSD	1
25	20607	20607	Sprocket Bracket L/H – External (DD)	1
26	20601	20601	Sprocket Bracket Center Lower – Internal (DD)	1
27	20604	20604	Sprocket Bracket R/H – Internal (DD)	1
28	20006	-----	Slider Termination Block (ASA50)	2
28	-----	30002	Slider Termination Block (ASA60)	2

DD-CYLINDER BREAKDOWN



5/12/99

DD CYLINDER BREAKDOWN

Item #	Part # 2000 lbs	Part # 3000 lbs	Description	Quantity
1	40486	40486	Outer Ram Tube, 3-1/4"B x 39"S – DD	1
2	40485	40485	Inner Ram Tube, 3-1/4"B x 39"S – DD	1
3	40102	40102	Ram Cup # 7, 3-1/4"B Cyl.	1
4	40103	40103	Ram Cup Washer, For #7 Cup	1
5	40104	40104	Ram Cup Nut	1
6	40484	40484	Retaining Circlip For 3-1/4" B Cyl.	1
7	20473	20473	Fitting, HP, Elbow 1/4" x 1/4" Npt Male Both Ends	1
8	25183	25183	Pressure Compensating Flow Valve 4 Gpm	1
9	40099	40099	Fitting, HP, Straight 1/4"Npt x 1/2" Jic Male Both Ends	1
10	20497	20497	Hose,HP, 3/8" x 26" L With 1/2" Jic M x 1/2" F	1
11	20007	-----	Chain Anchor Bolt – 6" (ASA 50)	2
11	-----	30003	Chain Anchor Bolt – 6" (ASA 60)	2
12	20372	20372	Cylinder Head Only – DD	1
13	20010	-----	Chain Connecting Link (Cotter – ASA50)	4
13	-----	30003	Chain Connecting Link (Cotter – ASA60)	4
14	20044	-----	Roller Chain ASA50- Per Ft	54
14	-----	30001	Roller Chain ASA60- Per Ft	54
15	40502	40502	DD Adjusting Bolt Boss	2
16	20013	-----	Sprocket - 13 Tooth With Bearing (ASA50)	2
16	-----	30007	Sprocket - 11 Tooth With Bearing (ASA60)	2
17	20015	20015	Needle Bearing	2
18	20470	20470	Sprocket Pin – 5/8" x 2-1/2" Long W/Zerks	2
19	20018	20018	Sprocket Pin Retainer	2
20	40110	40110	Fitting, LP, Compression Elbow 1/4" Tube x 1/8" Npt Male	1
21	20371	-----	Cyl. Assy. DD-3-1/4"B x 39"S, W/Head & #50 Sprocket	1
21	-----	20378	Cyl. Assy. DD-3-1/4"B x 39"S, W/Head & #60 Sprocket	1
22	20370	20370	Cyl. Assy. DD-3-1/4"B x 39"Stroke	1

DD H-FRAME

ITEM NO.	DESCRIPTION	PART NO.
1	CYLINDER SUPPORT BRACKET	20600
2	UPPER CYLINDER HOLD DOWN	20601
3	LOWER CYLINDER HOLD DOWN	20602
4	1 1/2 X 3/8 UNC BOLT	20209
5	SLIDER SPROCKET HOUSING	20603
6	UPPER CENTRE SPROCKET SUPPORT BRACKET	20604
7	R.H. SPROCKET SUPPORT BRACKET	20605
8	EXTERNAL CENTRE SPROCKET SUPPORT BRACKET	20606
9	L.M. SPROCKET SUPPORT BRACKET	20607
10	LOWER CENTRE SPROCKET SUPPORT BRACKET	20608
11	CHAIN GAIRD CHANNEL	20609
18	SLIDER	20610
19	SLIDER CHAIN TERMINATION BLOCK	DD 2000 20006
		DD 3000 30002
26	SPROCKET	DD 2000 20013
		DD 3000 30007
27	NEEDLE BEARING	20015
28	HARDENED SPROCKET PIN	20016
29	SPACING WASHER	20017
30	SPROCKET PIN RETAINER	20018
33	CHAIN GUIDE SUPPORT	20021
34	NYLON SCIPPER ROD	20022
35	NYLON HOLDING BOLT	20023
36	NYLON HOLDING NUT	20024
37	TRACK	20611
40	HOUSING (SPECIFY WIDTH)	20612
41	HOUSING COVER (SPECIFY WIDTH)	20613
55	HOUSING COVER SCREWS	20038
60	ROLLER CHAIN TERMINATION BLOCK SCREW	20042
64	TRAVEL EAR	DEL FOLD 20302
		STANDARD 20221

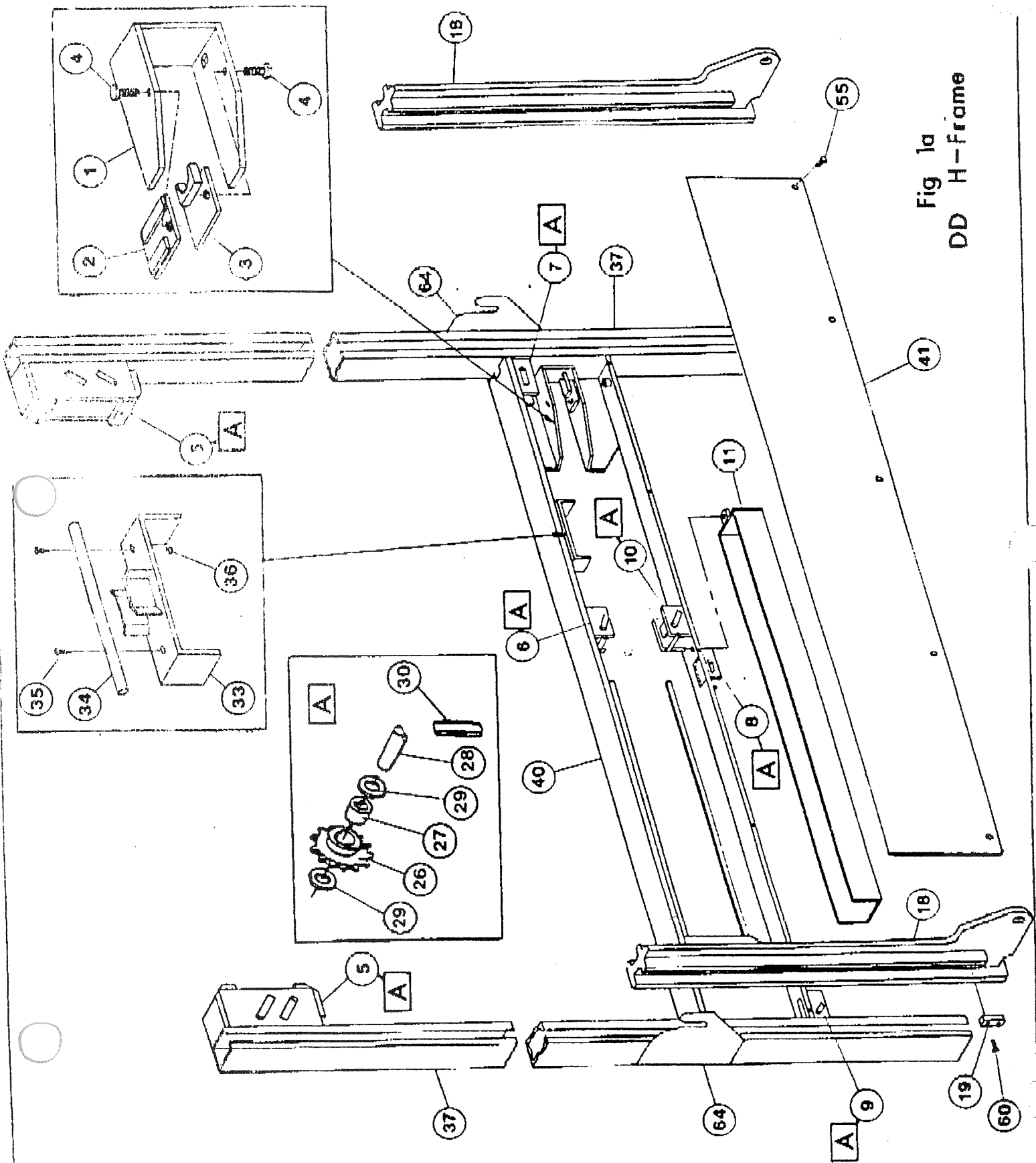
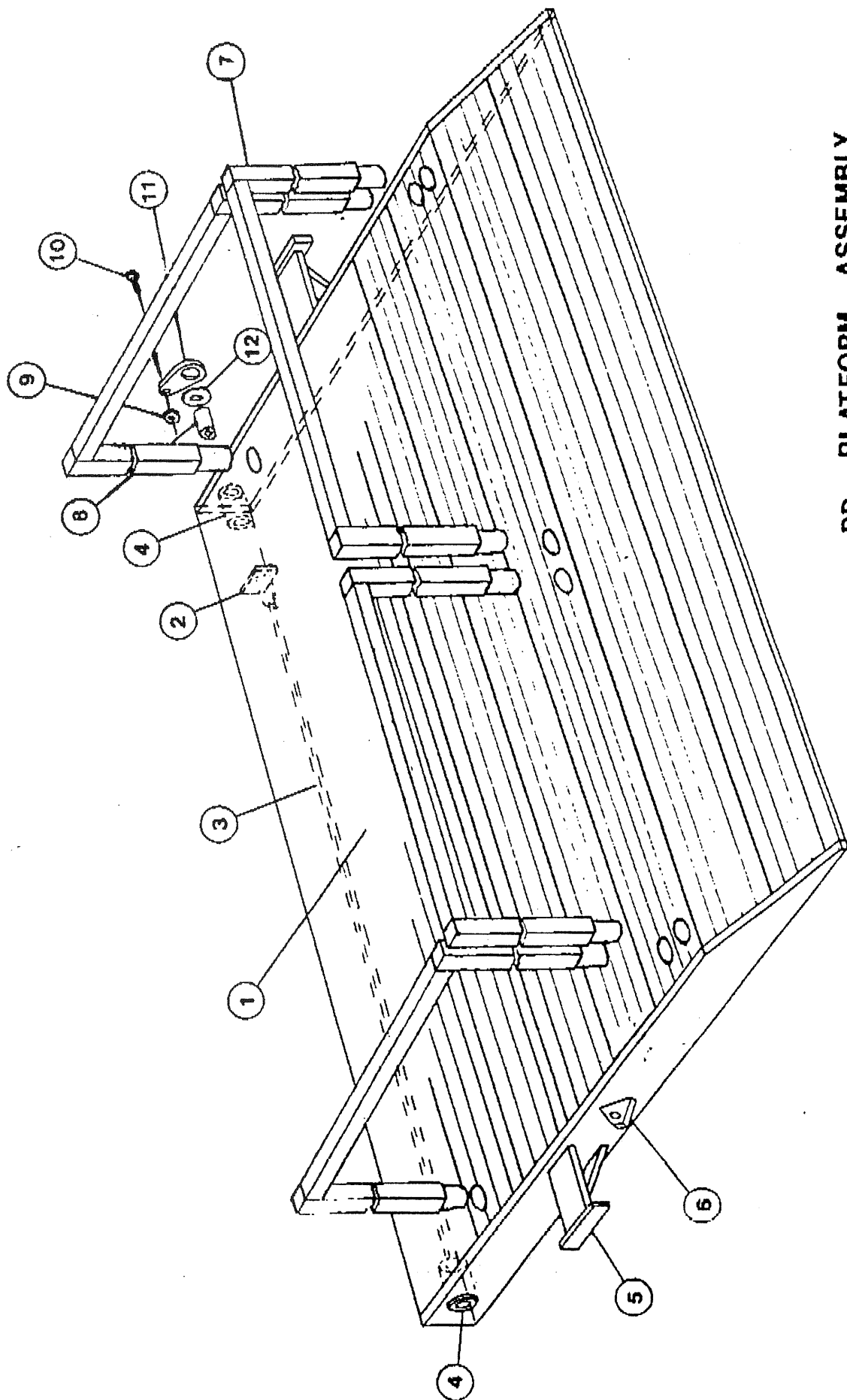


Fig 1a
DD H-frame

DD PLATFORM ASSEMBLY
OVER 36"

ITEM NO.	DESCRIPTION	PARTS X NO.
1	PLATFORM (SPECIFY SIZE, STEEL OR ALUMINUM)	20240
2	INTERNAL TORSION BAR SUPPORT	20206
3	TORSION BAR ASSEMBLY (SPECIFY SIZE) (INCLUDES ITEMS 8, 9, 10, 11, 12)	20202
4	BUSHING	20224
5	TRAVEL EAR	20221
6	PLATFORM CHAIN ANCHOR	20214
7	RETENTION FENCE	20230
8	HINGE PIN	20207
9	3/8 NUT	20210
10	1 1/2" x 3/8 BOLT	20209
11	LOCKING TAB	20208
12	WASHER	20224



DD PLATFORM ASSEMBLY

OVER 36"

DD CYLINDER ASSEMBLY

ITEM NO.	DESCRIPTION	PART NO.
1	OUTER RAM TUBE (SPECIFY STROKE)	40500
2	INNER RAM TUBE (SPECIFY STROKE)	40501
3	RAM CUP	40102
4	RAM CUP WASHER	40103
5	RAM CUP NUT CASTLE HEAD	40104
6	COTTER PIN	40105
7	RAM NUT	40106
8	BRASS FITTING	20107
9	M.P. HOSE ASSEMBLY	20110
10	ADJUSTING BOLT SUPPORT BOSS	40502
11	ADJUSTING BOLT	DD 2000 20007
		DD 3000 30003
		40504
12	RAM HEAD	DD 2000 20010
13	CHAIN CONNECTING LINE COTTER PIN TYPE	DD 3000 30004
		DD 2000 20614
14	ROLLER CHAIN L.H. SIDE (SPECIFY WIDTH OF HOUS	DD 3000 30614
		DD 2000 20615
15	ROLLER CHAIN R.H. SIDE (SPECIFY WIDTH OF HOUS	DD 3000 30615
		DD 2000 20013
19	RAM HEAD SPROCKET	DD 3000 30007
		20015
21	NEEDLE BEARING	20016
22	HARDENED SPROCKET PIN	20017
23	SPACING WASHER	20018
24	SPROCKET PIN RETAINER	

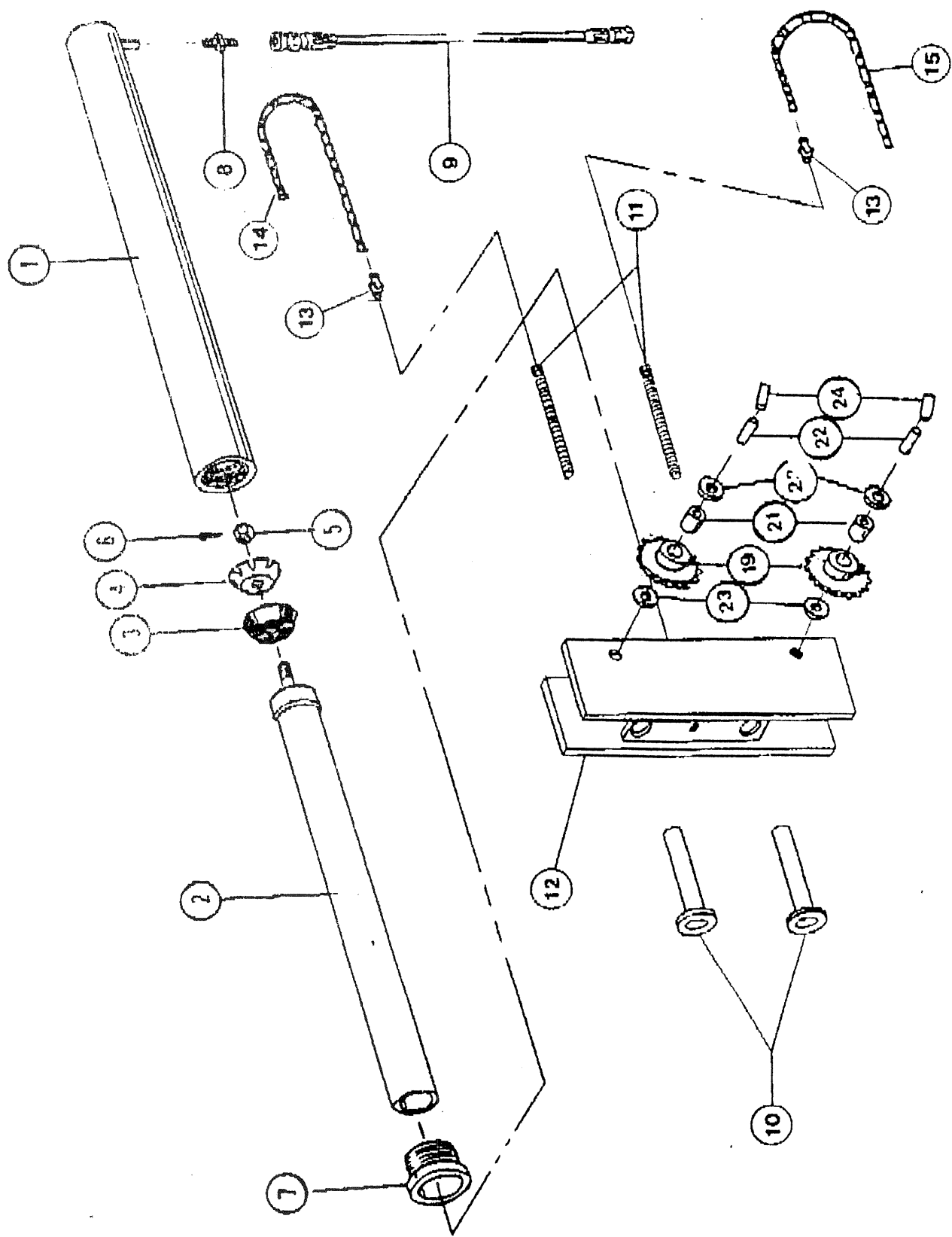


FIG 2a - DD Cylinder Assembly

DD PLATFORM ASSEMBLY
UNDER 42"

ITEM NO.	DESCRIPTION	PART NO.
1	PLATFORM (SPECIFY STEEL OR ALUMINUM AND SIZE)	20241
2	INTERNAL TORSION BAR SUPPORT	20206
3	TORSION BAR ASSEMBLY (SPECIFY SIZE) (INCLUDES ITEMS 8, 9, 10, 11, 12)	20202
4	BUSHING	20224
5	TRAVEL EAR	20224
6	PLATFORM CHAIN ANCHOR	20214
7	RETENTION FENCE	20231
8	HINGE PIN	20207
9	3/8 NUT	20210
10	1 1/2 x 3/8 BOLT	20209
11	LOCKING TAB	20208
12	WASHER	20224
13	RETENTION BAR	20232