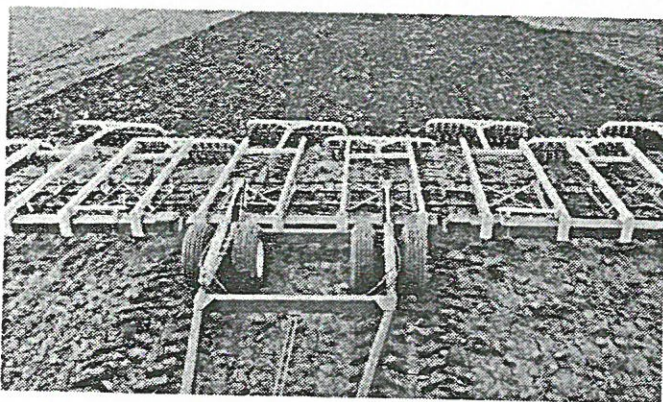




Laurier Harrow Packer Bar

33', 44', 55', 66'.

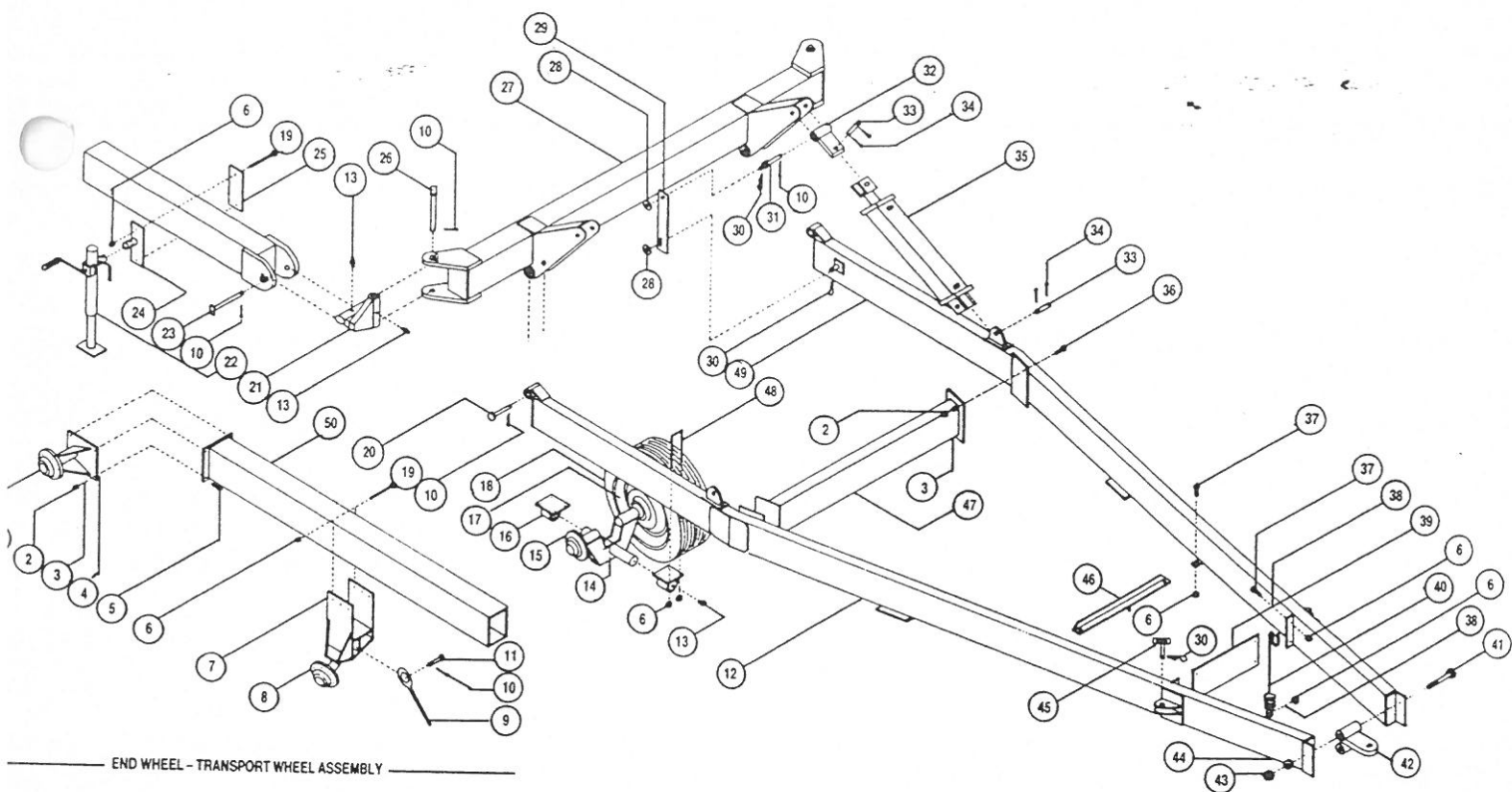


MANUFACTURED BY
Laurier Manufacturing Limited
LAURIER, MANITOBA, CANADA

PARTS MANUAL

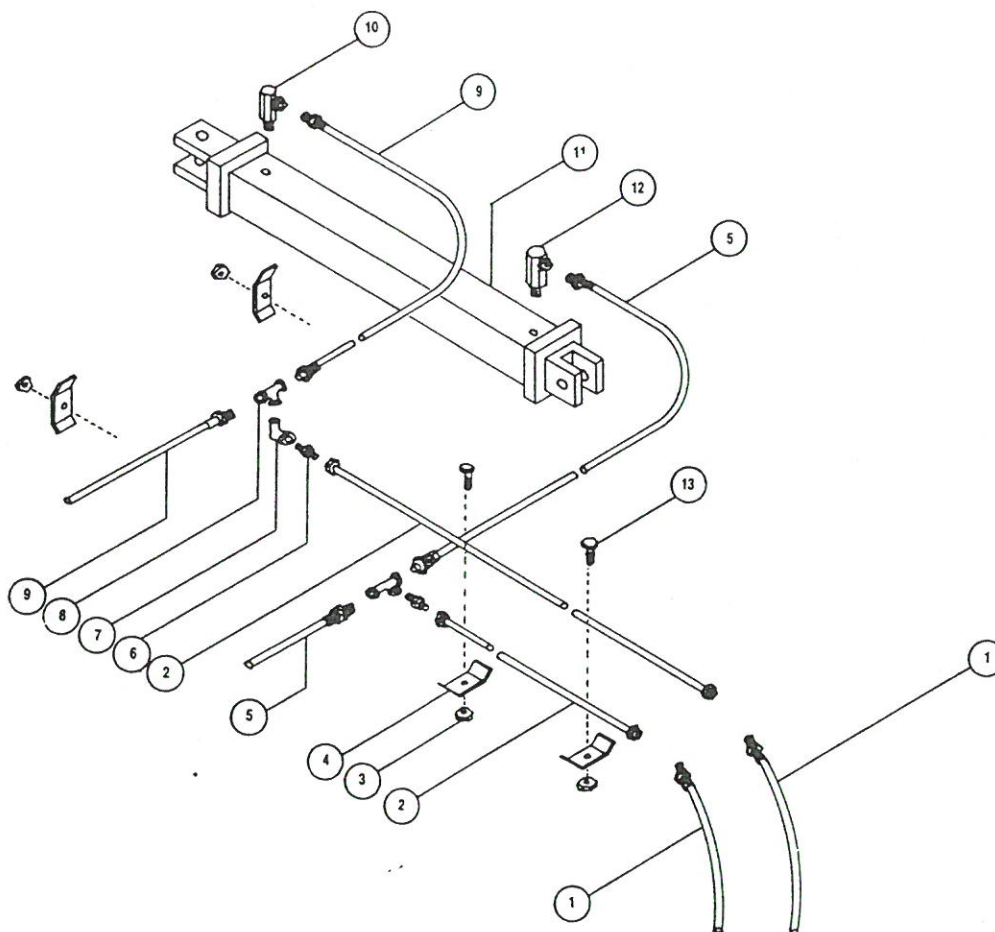
1983 SPECIFICATIONS LM LAURIER HARROW PACKER BAR.

	33	44	55	66
20' A-FRAME	1	1	1	1
OSCILLATING AXLE	2	2	2	2
11' CENTRE	1	1	1	1
10'-2" WING TUBE	2	—	—	—
15'-8" WING TUBE	—	2	—	—
21'-2" WING TUBE	—	—	2	—
26'-8" WING TUBE	—	—	—	2
15 x 8 x 6 WHEELS C/W 11L x 6 PLY	OPT.	OPT.	OPT.	6
15 x 8 x 6 WHEELS C/W 11L x 8 PLY	—	—	—	2
15 x 8 x 6 WHEELS C/W 9.5L x 6 PLY	8	8	8	—
LIFT ARMS	12	16	20	24
5½' SECTIONS	6	8	10	12
LIFT ARM SPACERS	6	8	10	12
LONG HITCHES	3	4	5	6
SHORT HITCHES	3	4	5	6
LEFT HAND PACKERS 1½ x 5½	3	4	5	6
RIGHT HAND PACKERS 1½ x 5½	3	4	5	6
LEFT HAND PACKERS 1¾ x 5½	3	4	5	6
RIGHT HAND PACKERS 1¾ x 5½	OPT.	OPT.	OPT.	OPT.
AUTOMATIC FOLD	OPT.	OPT.	OPT.	OPT.



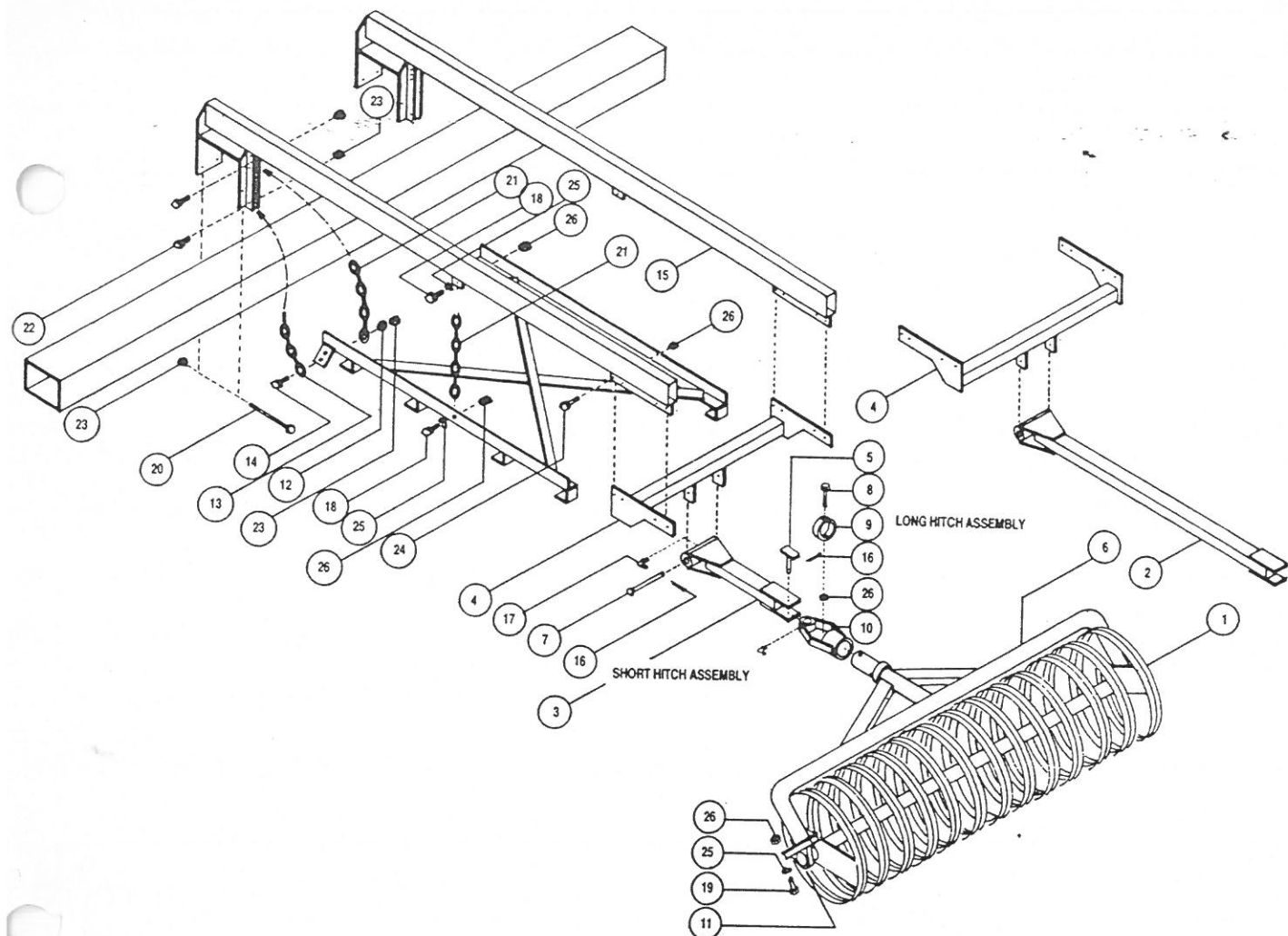
20 FOOT A-FRAME HITCH ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.	ITEM	PART NO.	DESCRIPTION	QTY.
1	101300	END WHEEL ASSEMBLY C/W HUB 611	2	24	10760	JACK PLATE C/W STUBB	2
2	101200	5/8 NUT	16	25	10770	JACK PLATE	2
3	101120	5/8 LOCKWASHER	16	26	10290	1 1/4 x 10 1/2 PIN	2
4	101310	END WHEEL BRACKET C/W SPINDLE	2	27	10600	11' CENTRE	1
5	101240	5/8 x 1 1/2 BOLT	8	28	101140	1" WASHER	4
6	101180	1/2" LOCKNUT	33	29	10730	LOCKING PLATE	2
7	101350	TRANSPORT WHEEL R C/W SPINDLE	1	30	10300	3 1/4 HAIRPIN CLIP	6
	101370	TRANSPORT WHEEL L C/W SPINDLE	1	31	10260	1 x 7 PIN	2
8	101340	TRANSPORT WHEEL R C/W HUB 618	1	32	10720	CYLINDER SWIVEL	2
	101360	TRANSPORT WHEEL L C/W HUB 618	1	33	10240	CYLINDER PIN	4
9	101110	19'-10" CABLE FOR 33'	2	34	10330	3/16 x 1 1/2 COTTER	8
	101120	23'-9" CABLE FOR 44' 55'	2	35	10010	3 1/2 x 30 CYLINDER	2
	101130	28'-0" CABLE FOR 66'	2		10015	4 x 30 CYLINDER	2
10	10320	1/4 x 1/2 COTTER PIN	10	36	101250	5/8 x 1 1/4 BOLT	8
11	10220	1 x 3 3/4 PIN	2	37	101060	1/2 x 1 1/2 BOLT	6
12	10660	A-FRAME RIGHT	1	38	101130	1/2" FLAT WASHER	5
13	101210	1/8 NPT GREASE NIPPLE	8	39	20710	A-FRAME CROSS PLATE	1
14	101330	OSCILLATING AXLE C/W SPINDLES 611	2	40	10160	SPRING HOSE HOLDER	1
15	101320	OSCILLATING AXLE C/W HUBS 611	2	41	101270	1 x 7 1/2 BOLT	2
16	10780	OSCILLATING AXLE POCKET	4	42	10650	BOLT ON HITCH	1
17	10360	15 x 8 x 6 WHEEL	8	43	101290	1" NUT	2
18	10350	9.5L x 6 PLY TIRE		44	101280	1" LOCK WASHER	2
	10352	11L x 6 PLY TIRE		45	10230	1 x 3 1/2 CABLE PIN	2
	10354	11L x 8 PLY TIRE		46	10700	A-FRAME CROSS ANGLE	1
19	101090	1/2 x 8 BOLT	10	47	10680	A-FRAME CROSS MEMBER	1
20	10270	1 1/4 x 7 1/2 PIN	2	48	101100	1/2 x 9 1/8 U BOLT	8
21	10800	RIGHT KNUCKLE	1	49	10670	A-FRAME LEFT	1
	10810	LEFT KNUCKLE	1	50	10610	10'-2" WING TUBE	2
22	10180	SIDE WIND JACK	2		10620	15'-8" WING TUBE	2
23	10280	1 1/4 x 8 3/4 PIN	2		10630	21'-2" WING TUBE	2
					10640	26'-8" WING TUBE	2



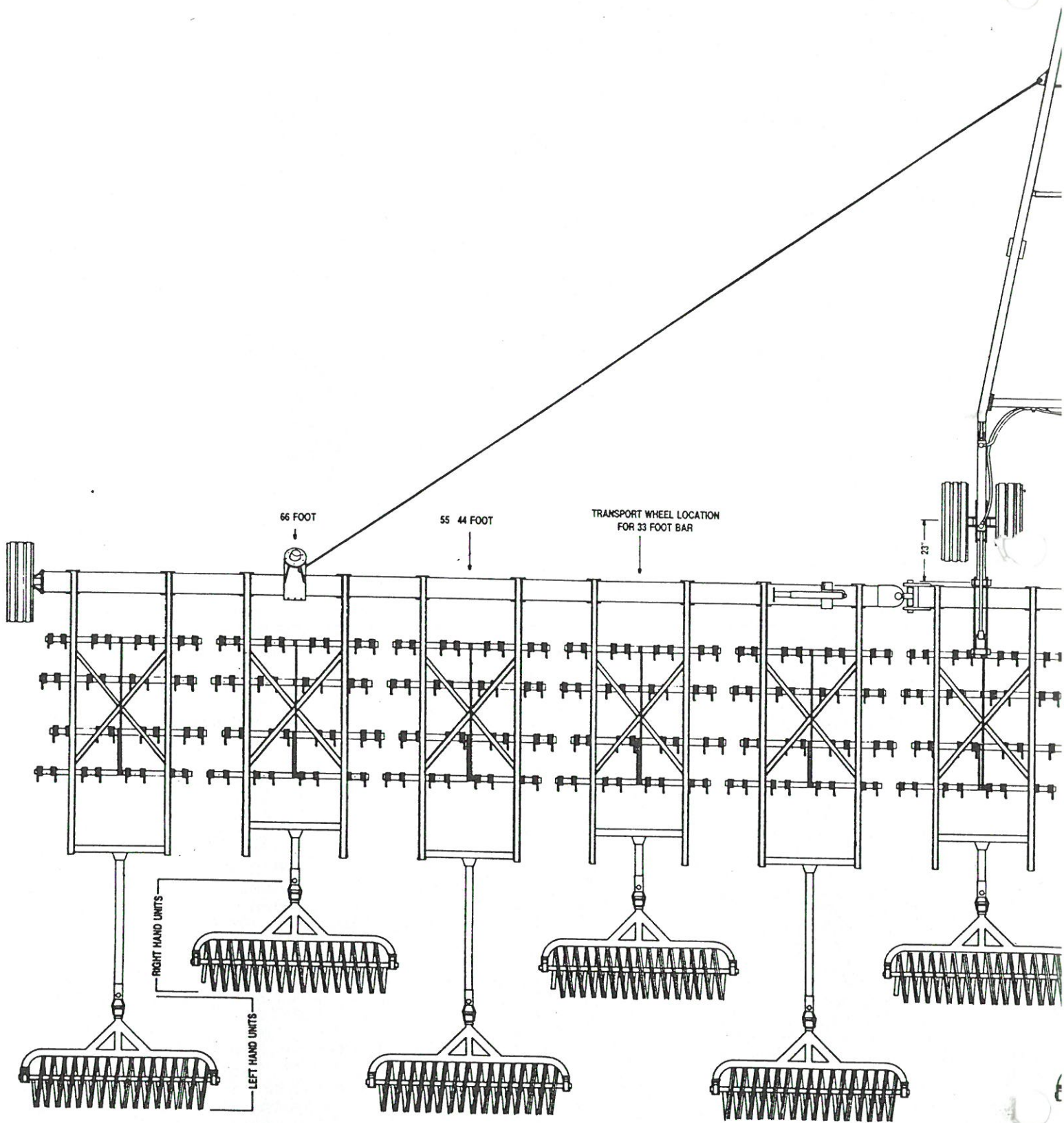
20 FOOT A-FRAME HYDRAULIC ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.
1	10020	1/2" x 7'-0" HOSE	2
2	10050	1/2" x 11'0" HYDRAULIC LINE	2
3	101180	1/2" LOCK NUT	4
4	10790	HOSE CLAMP	4
5	10040	1/2" x 4'-3" HOSE	2
6	10090	848-FS0808 FLARE ADAPTER	2
7	10070	1/2" STREET ELBOW	1
8	10080	1/2" TEE	2
9	10030	1/2" x 7'-4" HOSE	2
10	10100	61UA0808 ELBOW	2
11	10010	3 1/2 x 30 CYLINDER	2
	10011	4 x 30 CYLINDER	2
12	10060	60UA0808 ELBOW	2
13	101050	1/2 x 2 BOLT	2

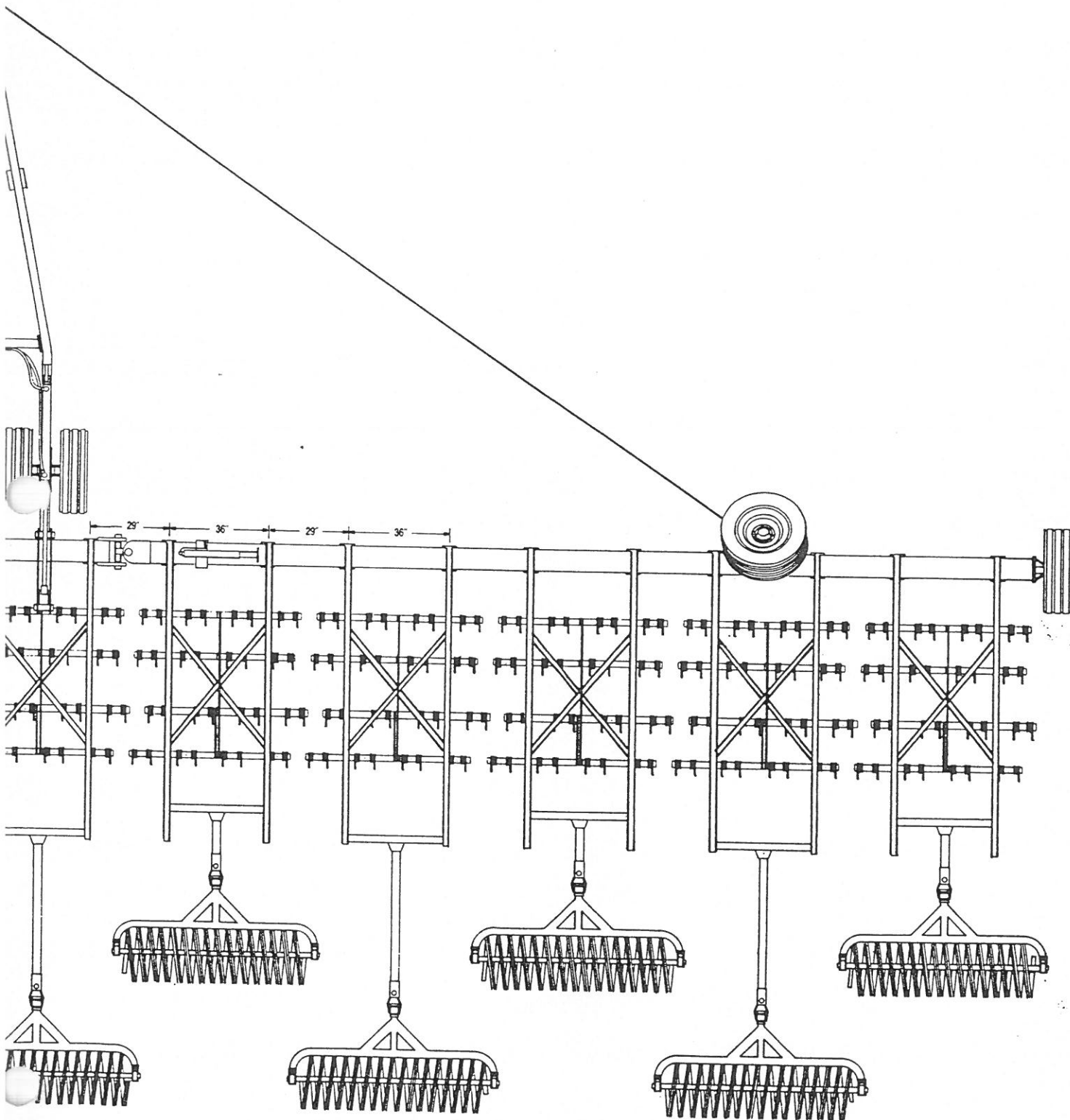


LIFT ARM - SECTION - HARROW PACKER ASSEMBLY

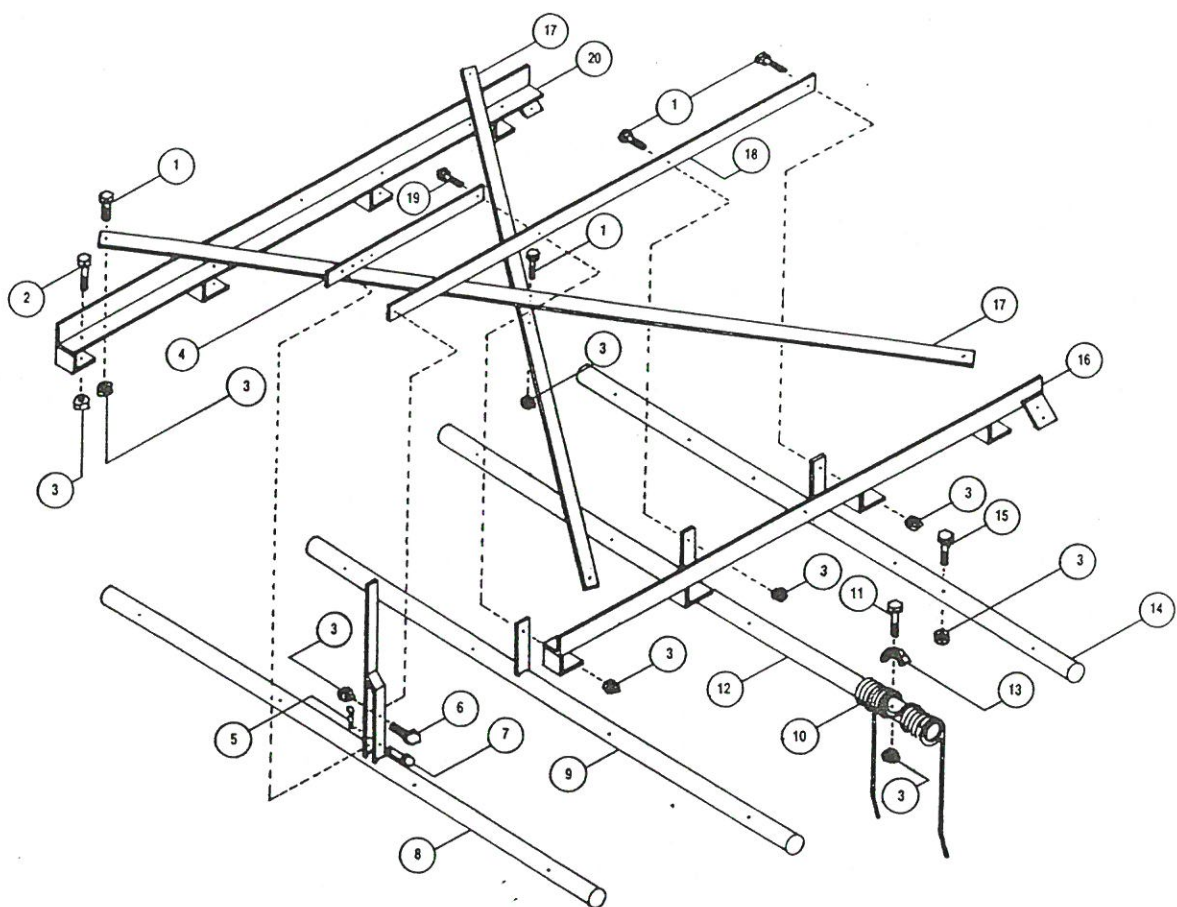
ITEM	PART NO.	DESCRIPTION	QTY.	ITEM	PART NO.	DESCRIPTION	QTY.
1	10920	1½ x 5½ RH PACKER		18	10980	7/16 x 1¼ BOLT	
	10910	1½ x 5½ LH PACKER		19	101000	7/16 x 1¾ BOLT	
	10921	1¾ x 5½ RH PACKER		20	101110	½ x 10 BOLT	
	10911	1¾ x 5½ LH PACKER		21	10140	7 LINK CHAIN	
2	10940	LONG HITCH		22	101070	½ x 1¾ BOLT	
3	10950	SHORT HITCH				QTY. OF ITEMS	18-22
		QTY. OF ITEMS	1-3			FOR 33'	24
		FOR 33'	3			FOR 44'	32
		FOR 44'	4			FOR 55'	40
		FOR 55'	5			FOR 66'	48
		FOR 66'	6	23	101180	½" LOCKNUT	
4	10960	LIFT ARM SPACER				QTY. OF ITEM	23
5	10250	1 x 3¾ PIN				FOR 33'	60
6	10930	PACKER OVERBRACE				FOR 44'	80
7	10210	1 x 7½ PIN				FOR 55'	100
8	101040	7/16 x 3½ BOLT				FOR 66'	120
9	10971	COLLAR		24	10990	7/16 x 1½ BOLT	
10	10970	SWIVEL HITCH		25	101230	7/16 FLATWASHER	
		QTY. OF ITEMS	4-10			QTY. OF ITEMS 24-25	
		FOR 33'	6			FOR 33'	48
		FOR 44'	8			FOR 44'	64
		FOR 55'	10			FOR 55'	80
		FOR 66'	12			FOR 66'	96
11	10190	1¼" PILLOW BLOCK		26	101170	7/16 LOCKNUT	
12	101130	½" FLAT WASHER				QTY. OF ITEM 26	
13	10150	6 LINK CHAIN				FOR 33'	102
14	101080	½ x 2 CARRIAGE BOLT				FOR 44'	136
	10690	LIFT ARM				FOR 55'	170
16	10320	¼ x 2½ COTTER				FOR 66'	204
17	101220	90° ½ NPT GREASE NIPPLE					
		QTY. OF ITEMS	11-17				
		FOR 33'	12				
		FOR 44'	16				
		FOR 55'	20				
		FOR 66'	24				



66 FOOT LAURIER H

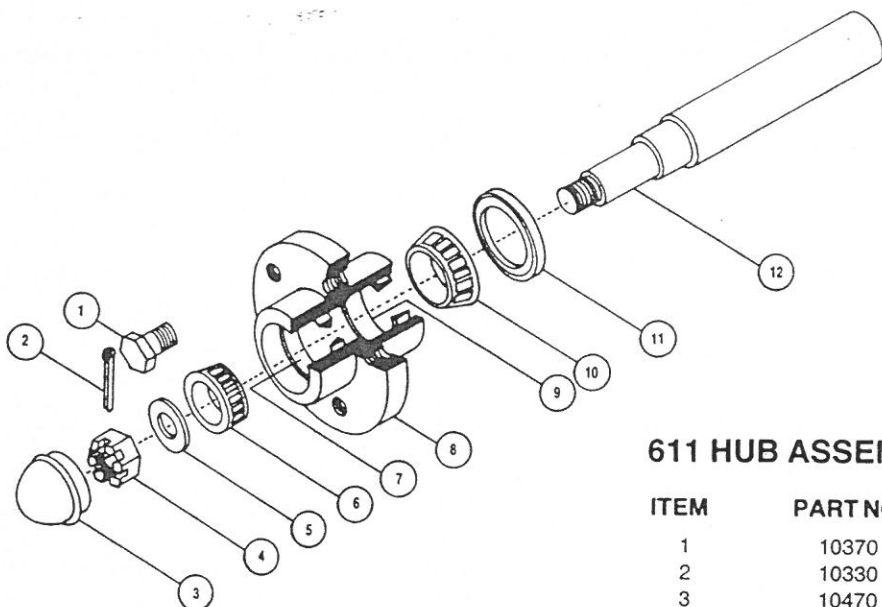


W PACKER BAR



ASSEMBLY 5 1/2 FOOT LAURIER HARROW SECTION

ITEM	PART NO.	DESCRIPTION	QTY.
1	10980	7/16 X 1 1/4 BOLT	7
2	101030	7/16 X 3 1/4 BOLT	8
3	101170	7/16 LOCKNUT	35
4	10840	ADJUSTMENT BAR	1
5	10310	1 1/2" HAIRPIN CLIP	1
6	101000	7/16 X 1 3/4 BOLT	1
7	10200	7/16 X 1 1/2 PIN	1
8	10880	4TH PIPE	1
9	10870	3RD PIPE	1
10	10170	3/8 X 12 TINE	16
11	101020	7/16 X 2 3/4 BOLT	16
12	10860	2ND PIPE	1
13	101150	FABRICATED WASHER	16
14	10850	1ST PIPE	1
15	101010	7/16 X 2 BOLT	2
16	10900	RIGHT ANGLE	1
17	10820	CROSS BRACE	2
18	10830	CENTER TIE	1
19	10990	7/16 X 1 1/2 BOLT	1
20	10890	LEFT ANGLE	1

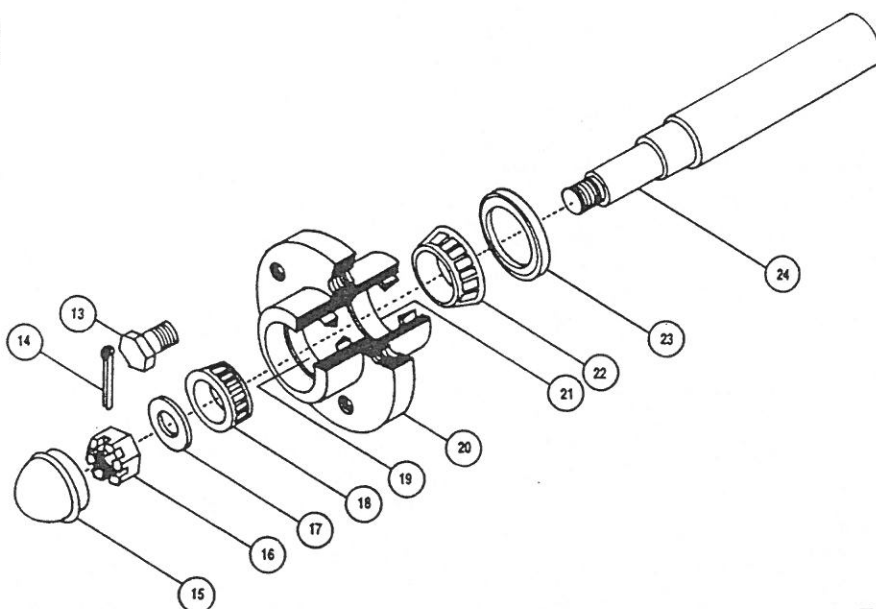


611 HUB ASSEMBLY

ITEM	PART NO.	DESCRIPTION
1	10370	WB10 1/2" WHEEL BOLT
2	10330	3/16 x 1 1/2 COTTER
3	10470	DUST CAP
4	10460	1" 14NF NUT
5	10450	1" WASHER
6	10410	OUTER CONE LM67048
7	10420	OUTER RACE LM67010
8	10380	611 HUB
9	10430	INNER RACE LM29710
10	10440	INNER CONE LM29749
11	10400	611 SEAL
12	10390	S611 SPINDLE 2x10

618 HUB ASSEMBLY

ITEM	PART NO.	DESCRIPTION
13	10371	WB12 3/16 WHEEL BOLT
14	10340	3/16 x 2 1/2 COTTER
15	10580	DUST CAP 18
16	10570	CASTELATED NUT
17	10560	1" WASHER
18	10530	OUTER CONE LM48548
19	10510	OUTER RACE LM48510
20	10500	618 HUB
21	10520	INNER RACE 25520
22	10540	INNER CONE 25580
23	10550	SEAL SE30
24	10590	S618 SPINDLE 2x13



PARTS INDEX – LAURIER HARROW PACKER BAR

PART NO.	PGE	ITM.	DESCRIPTION
10010	2	35	3½ x 30 CYLINDER
10015	2	35	4 x 30 CYLINDER
10021	3	1	½" x 7'-0" HOSE
10030	3	9	½" x 7'-4" HOSE
10040	3	5	½" x 4'-3" HOSE
10050	3	2	½" x 11' HYDRAULIC LINE
10060	3	12	60UA0808 ELBOW
10070	3	7	½" STREET ELBOW
10080	3	8	½" TEE
10090	3	6	848-FS0808 FLARE ADAPTOR
10100	3	10	61UA0808 ELBOW
10110	2	9	19'-10" CABLE FOR 33'
10120	2	9	23'-9" CABLE FOR 44' 55'
10130	2	9	28'-0" CABLE FOR 66'
10140	4	21	7 LINK CHAIN
10150	4	13	6 LINK CHAIN
10160	2	40	SPRING HOSE HOLDER
10170	6	10	¾ x 12 TINE
10180	2	22	SIDE WIND JACK
10190	4	11	1¼" PILLOW BLOCK
10200	6	7	⅞ x 1½ PIN
10210	4	7	1 x 7½ PIN, PACKER
10220	2	11	1 x 3¼ PIN, TRANS.
10230	2	45	1 x 3½ PIN, CABLE
10240	2	33	1 x 3¼ PIN, CYL.
10250	4	5	1 x 3¼ PIN, PACKER
10260	2	31	1 x 7 PIN, CYL.
10270	2	20	1¼ x 7½ PIN, HITCH
10280	2	23	1¼ x 8¾ PIN, KNUCKLE
10290	2	26	1¼ x 10½ PIN, KNUCKLE
10300	2	30	¾ HAIRPIN CLIP
10310	6	5	1½ HAIRPIN CLIP
10320	2	10	¼ x 2½ COTTER
	4	16	¼ x 2½ COTTER
10330	2	34	⅜ x 1½ COTTER
	7	2	⅜ x 1½ COTTER
10340	7	14	⅜ x 2½ COTTER
10350	2	18	9.5L x 6 PLY TIRE
10352	2	18	11L x 6 PLY TIRE
10354	2	18	11L x 8 PLY TIRE
10360	2	17	15 x 8 x 6 WHEEL
10370	7	1	WB10½" WHEEL BOLT
10371	7	13	WB12 ⅝" WHEEL BOLT
10380	7	8	611 HUB
10390	7	12	S611 SPINDLE 2 x 10
10400	7	11	611 SEAL
10410	7	6	OUTER CONE LM67048
10420	7	7	OUTER RACE LM67010
10430	7	9	INNER RACE LM29710

PART NO.	PGE	ITM.	DESCRIPTION
10440	7	10	INNER CONE LM29749
10450	7	5	1" WASHER
10460	7	4	1" 14NF NUT
10470	7	3	DUSTCAP
10500	7	20	618 HUB
10510	7	19	OUTER RACE LM48510
10520	7	21	INNER RACE 25520
10530	7	18	OUTER CONE LM48548
10540	7	22	INNER CONE 25580
10550	7	23	SEAL SE-30
10560	7	17	1" WASHER
10570	7	16	CASTELATED NUT
10580	7	15	DUST CAP 18
10590	7	24	S618 SPINDLE 2 x 13
10600	2	27	11' CENTRE
10610	2	50	10'-2" WING TUBE
10620	2	50	15'-8" WING TUBE
10630	2	50	21'-2" WING TUBE
10640	2	50	26'-8" WING TUBE
10650	2	42	BOLT ON HITCH
10660	2	12	A-FRAME RIGHT
10670	2	49	A-FRAME LEFT
10680	2	47	A-FRAME CROSS MEMBER
10690	4	15	LIFT ARM
10700	2	46	A-FRAME CROSS ANGLE
10710	2	39	A-FRAME CROSS PLATE
10720	2	32	CYLINDER SWIVEL
10730	2	29	LOCKING PLATE
10740			CABLE BRACKET OPT.
10750			CABLE BRACKET BOLTING PLATE OPT.
10760	2	24	JACK PLATE C/W STUB
10770	2	25	JACK PLATE
10780	2	16	OSCILLATING AXLE POCKET
10790	3	4	HOSE CLAMP
10800	2	21	RIGHT KNUCKLE
10810			LEFT KNUCKLE
10820	6	17	CROSS BRACE 5½'
10830	6	18	CENTER TIE
10840	6	4	ADJUSTMENT BAR
10850	6	14	FRONT PIPE
10860	6	12	2ND PIPE
10870	6	9	3RD PIPE
10880	6	8	4TH PIPE
10890	6	20	LEFT ANGLE
10900	6	16	RIGHT ANGLE
10910	4	1	LEFT HAND PACKER 1½ x 5½
10911	4	1	LEFT HAND PACKER 1¾ x 5½
10920	4	1	RIGHT HAND PACKER 1½ x 5½
10921	4	1	RIGHT HAND PACKER 1¾ x 5½
10930	4	6	PACKER OVERBRACE

PART NO.	PGE	ITM.	DESCRIPTION
10940	4	2	LONG HITCH
10950	4	3	SHORT HITCH
10960	4	4	LIFT ARM SPACER
10970	4	10	PACKER SWIVEL HITCH
10971	4	9	COLLAR
10980	4	18	7/16 x 1 1/4 BOLT
	6	1	7/16 x 1 1/4 BOLT
10990	4	24	7/16 x 1 1/2 BOLT
	6	19	7/16 x 1 1/2 BOLT
101000	4	19	7/16 x 1 3/4 BOLT
	6	6	7/16 x 1 3/4 BOLT
101010	6	15	7/16 x 2 BOLT
101020	6	11	7/16 x 2 3/4 BOLT
101030	6	2	7/16 x 3 1/4 BOLT
101040	4	8	7/16 x 3 1/2 BOLT
101050	3	13	1/2 x 2 BOLT
101060	2	37	1/2 x 1 1/2 BOLT
101070	4	22	1/2 x 1 3/4 BOLT
101080	4	14	1/2 x 2 CARRIAGE BOLT
101090	2	19	1/2 x 8 BOLT
101100	2	48	1/2 x 9 1/8 U CLAMP
101110	4	20	1/2 x 10 BOLT
101120	2	3	5/8 LOCKWASHER
101130	2	38	1/2" FLAT WASHER
	4	12	1/2" FLAT WASHER
101140	2	28	1" WASHER
101150	6	13	FABRICATED WASHER
101170	4	26	7/16 LOCKNUT
	6	3	7/16 LOCKNUT

PART NO.	PGE	ITM.	DESCRIPTION
101180	2	6	1/2" LOCKNUT
	3	3	1/2" LOCKNUT
	4	23	1/2" LOCKNUT
101200	2	2	5/8 NUT
101210	2	13	1/8 NPT GREASE NIPPLE
101220	4	17	90° NPT GREASE NIPPLE
101230	4	25	7/16 FLAT WASHER
101240	2	5	5/8 x 1 1/2 BOLT
101250	2	36	5/8 x 1 3/4 BOLT
101260			5/8 x 5 BOLT
101270	2	41	1 x 7 1/2 BOLT
101280	2	44	1" LOCK WASHER
101290	2	43	1" NUT
101300	2	1	END WHEEL C/W HUB 611
101310	2	4	END WHEEL BRACKET C/W SPINDLE 611
101320	2	15	OSCILLATING AXLE C/W HUBS 611
101330	2	14	OSCILLATING AXLE C/W SPINDLES 611
101340	2	8	TRANSPORT WHEEL R C/W HUB 618
101350	2	7	TRANSPORT WHEEL R C/W SPINDLE 618
101360			TRANSPORT WHEEL L C/W HUB 618
101370			TRANSPORT WHEEL L C/W SPINDLE 618

NOTES

Laurier Manufacturing Limited

BOX 85
LAURIER, MANITOBA, CANADA
R0J 1A0 - (204) 447-2245

Other products manufactured by Laurier - Harrow Bars, Packer Draw Bars, 12 Bale Movers, Hydraulic Drill Carriers, Swather Carriers, Bale Forks, Grapple Forks.

We at Laurier Manufacturing are constantly attempting to upgrade our products with new manufacturing techniques or materials. The company therefore reserves the right to change any specification without notice.