

LAURIER

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LAURIER, MANITOBA
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TO THE OWNER:

Congratulations on the purchase of your new LAURIER PACKER BAR.

Constructed of the finest quality materials, your LAURIER PACKER BAR is engineered and designed to do normal packing operations effectively and efficiently, and to provide you with years of dependable service.

Be sure to read the instructions in this manual for adjusting and operating your LAURIER PACKER BAR. A few moments to acquaint yourself with the LAURIER PACKER BAR and its maintenance requirements will save you precious time in the field and protect your machinery investment. Should you in time, need replacement parts, please consult the parts list in this manual and contact your LAURIER DEALER.

LAURIER MANUFACTURING LIMITED

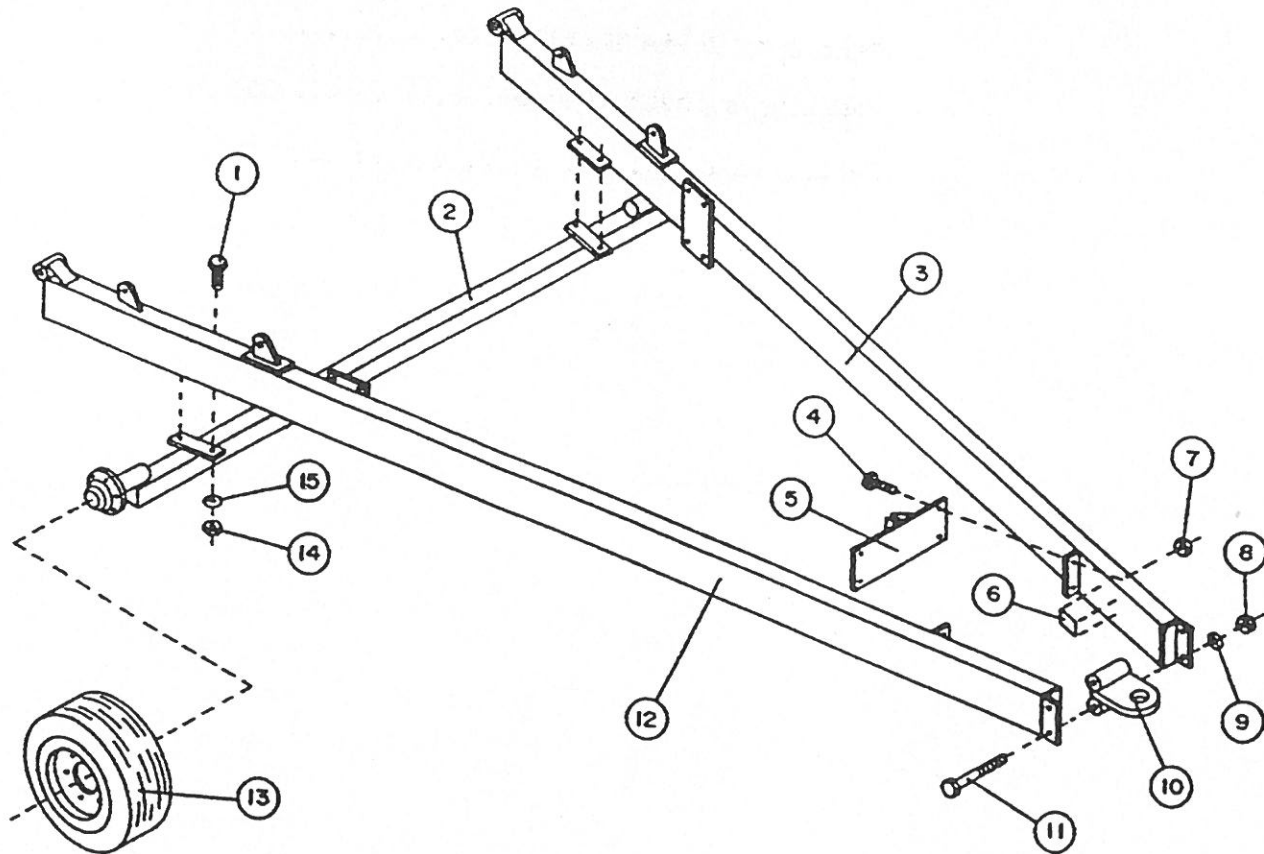
It is the policy of LAURIER MANUFACTURING LIMITED to improve its products whenever it is possible and practical. We reserve the right to make changes or add improvements, at any time, without incurring any obligation to make such changes on machines previously sold.

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NOTE: LEFT AND RIGHT DETERMINED WHEN FACING REAR OF MACHINE.
DO NOT TIGHTEN BOLTS UNTIL ALL PARTS ARE IN PLACE.

- A. INSTALL WHEELS TO AXLE FRAME #2 AND SECURE WITH WHEEL BOLTS.
- B. BOLT AXLE FRAME TO LEFT AND RIGHT HITCHES (#3, #12) WITH $5/8"$ x $2"$ BOLTS.
- C. BOLT CROSS PLATE #5 TO LEFT AND RIGHT HITCHES WITH $1/2"$ x $1\ 1/2"$ BOLTS.
- D. INSTALL BOLT ON DRAW HITCH #10 TO LEFT AND RIGHT HITCHES WITH $1"$ x $7\ 1/2"$ BOLTS

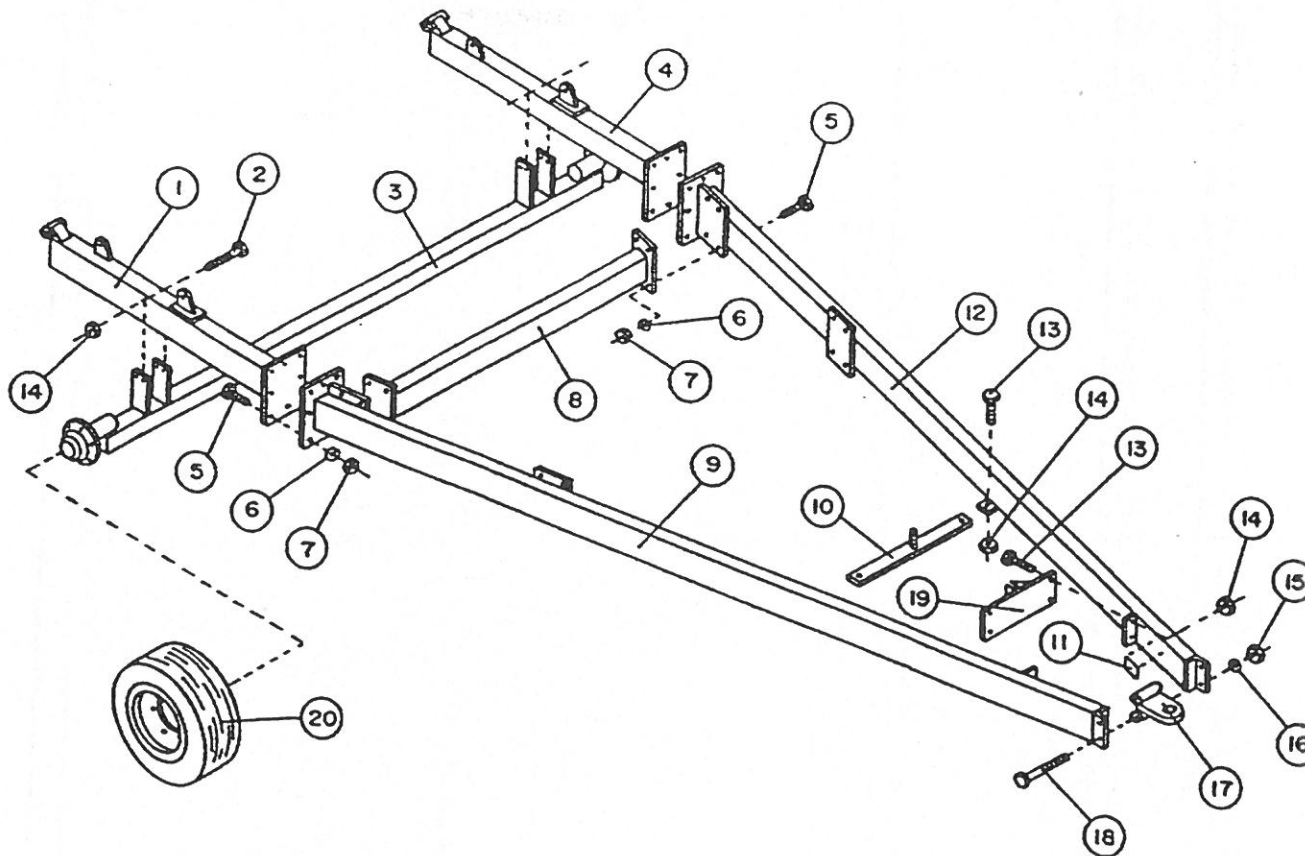


ITEM	PART NUMBER	DESCRIPTION	N°
1	B5C1032P	Bolt 5/8" x 2"	4
2	20001	15' Frame Axle	1
3	20002	15' Left A-Frame Hitch	1
4	B5C0824P	Bolt 1/2" x 1 1/2"	4
5	20004	Cross Plate	1
6	92003	Serial Number Plate	1
7	LN5C08P	Locknut 1/2"	4
8	N5C16P	Nut 1"	2
9	W16P	Lockwasher 1"	2
10	10022	Bolt on Hitch	1
11	B5C16120P	Bolt 1" x 7 1/2"	2
12	20003	15' Right A-Frame Hitch	1
13	91025	9.5L x 6 ply c/w 6" Wheel Rim	*
	91026	9.5L x 6 ply c/w 8" Wheel Rim	*
	91027	11L x 6 ply c/w 8" Wheel Rim	*
14	N5C10P	Nut 5/8"	4
15	W10P	Lockwasher 5/8"	4

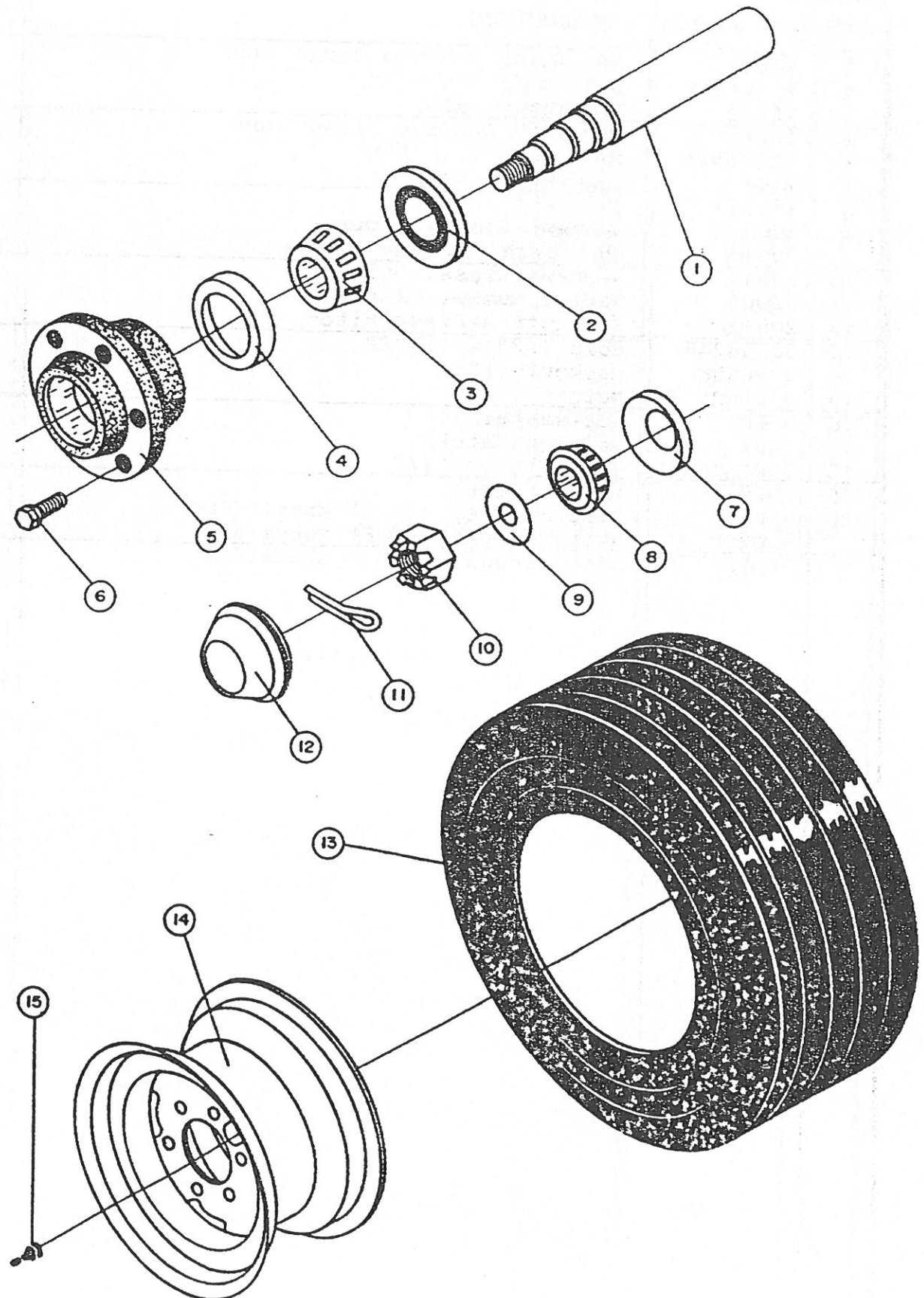
*As Required

NOTE: LEFT AND RIGHT DETERMINED WHEN FACING REAR OF MACHINE.
DO NOT TIGHTEN BOLTS UNTIL ALL PARTS ARE IN PLACE.

- A. INSTALL WHEELS TO AXLE FRAME #3 AND SECURE WITH WHEEL BOLTS.
- B. BOLT AXLE FRAME TO LEFT AND RIGHT HITCH TUBE, #1 and #4, 23" FROM PIVOT HINGE ON HITCH TUBE TO CENTRE OF WHEEL AXLE USING $1/2"$ x $4\ 1/2"$ BOLTS.
- C. BOLT LEFT AND RIGHT HITCHES #9, #12 TO LEFT AND RIGHT HITCH TUBE USING $5/8"$ x $1\ 3/4"$ BOLTS.
- D. BOLT CROSS MEMBER #8 TO LEFT AND RIGHT HITCHES USING $5/8"$ x $1\ 3/4"$ BOLTS.
- E. BOLT ON CROSS ANGLE #10 USING $1/2"$ x $1\ 1/2"$, THEN BOLT CROSS PLATE #19 TO LEFT AND RIGHT HITCH. SECURE WITH $1/2"$ x $1\ 1/2"$ BOLTS.
- F. INSTALL BOLT ON DRAW HITCH #17 TO LEFT AND RIGHT HITCH WITH $1"$ x $7\ 1/2"$ BOLTS.

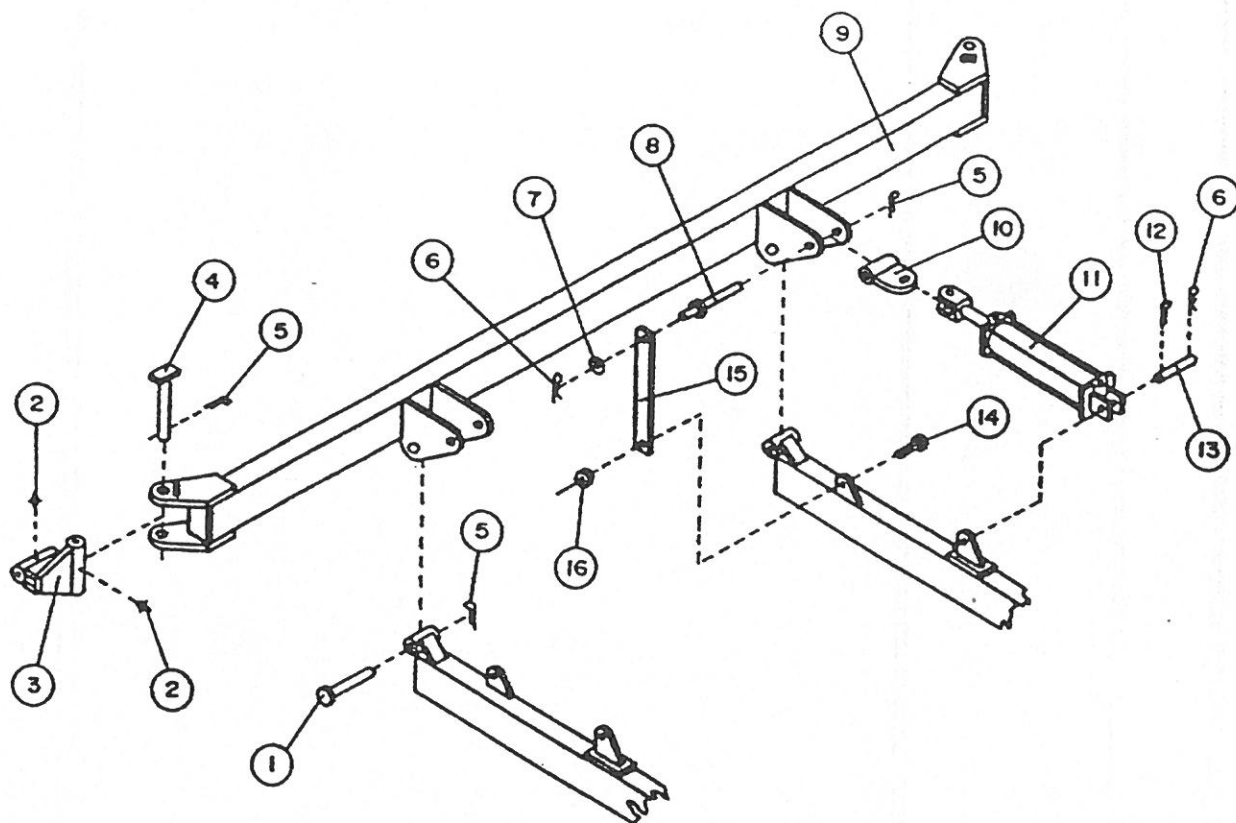


ITEM	PART NUMBER	DESCRIPTION	Nº
1	20010	20' Right A-Frame Hitch Tube	1
2	B5C0872P	Bolt 1/2" x 4 1/2"	4
3	20008	20' Frame Axle	1
4	20009	20' Left A-Frame Hitch Tube	1
5	B5C1028P	Bolt 5/8" x 1 3/4"	20
6	W10P	Lockwasher 5/8"	20
7	N5C10P	Nut 5/8"	20
8	20011	A-Frame Cross Member	1
9	20013	20' Right A-Frame Hitch	1
10	20014	A-Frame Cross Angle	1
11	92003	Serial Number Plate	1
12	20012	20' Left A-Frame Hitch	1
13	B5C0824P	Bolt 1/2" x 1 1/2"	6
14	LN5C08P	Locknut 1/2"	6
15	N5C16P	Nut 1"	2
16	W16P	Lockwasher 1"	2
17	10022	Bolt on Hitch	1
18	B5C16120P	Bolt 1" x 7 1/2"	2
19	20004	Cross Plate	1
20	91025	9.5L x 6 ply c/w 6" Wheel Rim	*
	91026	9.5L x 6 ply c/w 8" Wheel Rim	*
	91027	11L x 6 ply c/w 8" Wheel Rim	*
* As Required			



ITEM	PART NUMBER	DESCRIPTION	Nº
1	91250	611 Spindle Main Axle & End Wheel 2"x10"	1
	91252	611 Spindle Transport Wheel 2" x 14"	1
2	91090	611 Seal	1
3	91170	611 Inner Cone LM29749	1
4	91150	611 Inner Race LM29710	1
5	91070	611 Hub	1
6	91060	Wheel Bolt 1/2"	6
7	91130	611 Outer Race LM67010	1
8	91110	611 Outer Cone LM67048	1
9	91190	611 1" Washer	1
10	91210	611 1" Castlrelated Nut	1
11	CP0324	Cotter Pin 3/16" x 1 1/2"	1
12	91230	611 Dust Cap	1
13	91000	9.5L x 6 ply Tire	1
	91001	11L x 6 ply Tire (optional)	1
14	91050	15" x 8" x 6" Wheel Rim (optional)	1
	91051	15" x 6" x 6" Wheel Rim	1
15	92005	Valve Stem	

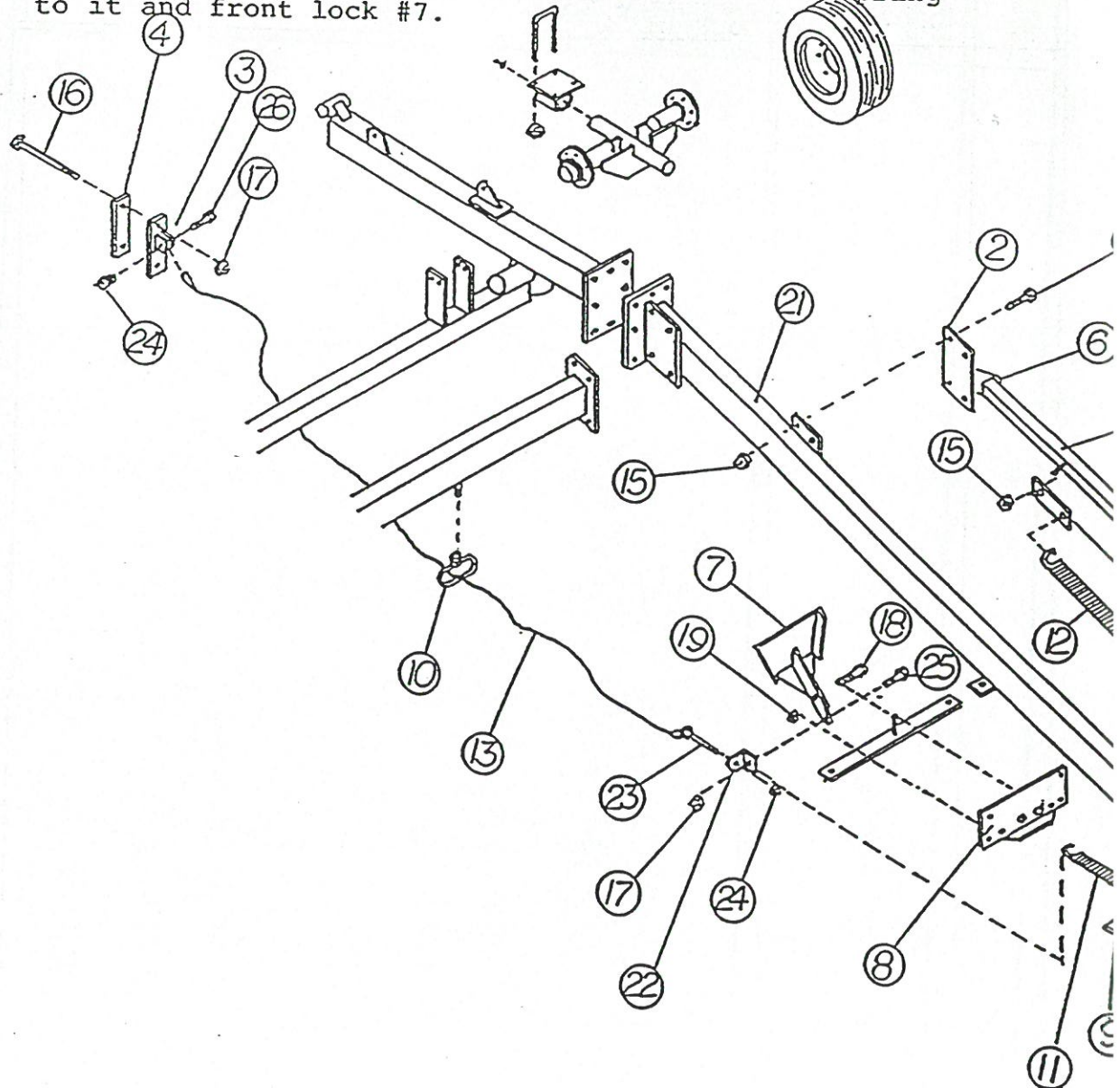
- A. SECURE CENTRE TUBE #9 TO A-FRAME USING PINS #1 (1 1/4" x 7 1/2").
- B. TIGHTEN ALL BOLTS ON HITCH
- C. SECURE CYLINDER SWIVEL BRACKET #10 TO CENTRE TUBE WING USING PIN #8 (1" x 7").
- D. POSITION CYLINDERS #11, ROD END TO SWIVEL BRACKET USING PINS #13.
 * ON 15' A-FRAME PORTS INWARDS.
 * ON 20' A-FRAME PORTS UPWARDS.
- E. PLACE CYLINDER LOCKS #15 IN PLACE AND SECURE WITH 3/4" x 2" GR 8 BOLTS. TIGHTEN TO ALLOW LOCK PLATE TO MOVE FREELY.
- F. PLACE LEFT AND RIGHT KNUCKLES #3, GREASE NIPPLES IN UP POSITION, AND SECURE IN PLACE WITH PINS #4 (1 1/4" x 8 3/4") TO CENTRE TUBE.



ITEM	PART NUMBER	DESCRIPTION	N°
1	10015	Pin Hitch 1 1/4" x 7 1/2"	2
2	91700	Grease Nipple 1/8" Straight	4
3	20021	Right Knuckle	1
	20022	Left Knuckle	1
4	20020	Pin Knuckle 1 1/4" x 8 3/4"	2
5	CP0440	Cotter Pin 1/4" x 2 1/2"	6
6	HP52	Hair Pin Clip 3 1/4"	6
7	FW16P	Flatwasher 1"	2
8	20023	Pin Cylinder Lock 1" x 7"	2
9	20018	11 Ft. Centre	1
	20019	14 Ft. Centre	1
10	20084	Cylinder Swivel	2
11	90103	Cylinder 3 1/2" x 16"	2
12	CP0324	Cotter Pin 3/16" x 1 1/2"	4
13	91603	Pin Cylinder 1" x 3 3/4"	4
14	B8C1232P	Bolt 3/4" x 2" Gr 8	2
15	20024	Cylinder Lock	1
16	LN5C12P	Locknut 3/4"	2

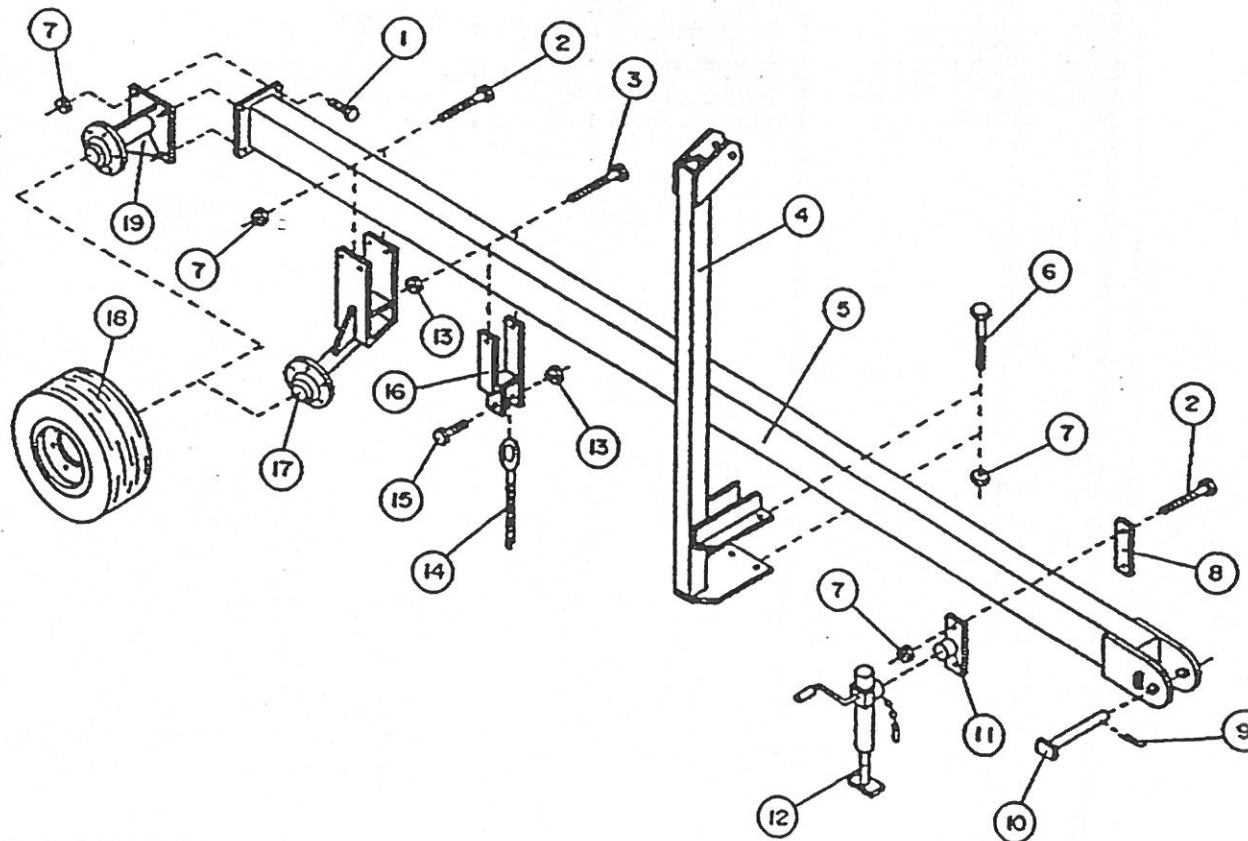
NOTE: Do not tighten bolts until all parts are in place.

- A. Bolt autofold A-Frame bracket left, #2 to the 15 Ft. or 20 Ft. A-Frame as shown. Slip left arm #1 on collar and bolt shaft collar #6 with $1/4"$ x $2\ 1/2"$ bolt.
- B. Loosely bolt autofold cable bracket (#3,#4) to centre of centre tube with $1/2"$ x $9\ 1/2"$ bolts. Tighten after lift arms are in place.
- C. Install cable #13 to cable bracket and lock arm.
- D. Bolt front lock #7 to #8 cross plate. Attach cable #13 to end of front lock.
- E. Bolt spring plate #15 to lock arm. Attach spring #12 to front plate on A-Frame.
- F. U-bolt #20 the tension spring plate #9. Attach spring to it and front lock #7.



ITEM	PART NUMBER	DESCRIPTION	NO
1	20101	Auto Fold (87) Left Arm	1
	20102	Auto Fold (87) Right Arm	1
2	20105	A-Frame Bracket Left	1
	20106	A-Frame Bracket Right	1
3	20116	Cable Bracket	1
4	20109	Back Cable Bracket	1
5	20108	Back Plate	1
6	20110	Shaft Collar	1
7	20111	Front Lock	1
8	20112	Cross Plate	1
9	20113	Front Plate	1
10	20114	Cable Bracket	1
11	91405	Auto Fold Tension Spring	1
12	91400	Auto Fold Spring	2
13	91828	10'6" Auto Fold Cable (15ft A-Frame)	1
	91829	15'9" Auto Fold Cable (20ft A-Frame)	1
14	B5C1028P	Bolt 5/8" x 1 3/4"	12
	W10P	Lockwasher 5/8"	8
15	N5C10P	Nut 5/8"	8
16	B5C0896	Bolt 1/2" x 6	2
17	LN5C08P	Lock Nut 1/2"	7
18	B5C1232P	Bolt 3/4" x 2"	1
19	N5C12P	Nut 3/4"	1
	W12P	Lockwasher 3/4"	1
20	UB0850112	U-Bolt 1/2" x 3 1/8" x 7	2
21	10090	Left A-Frame Hitch	1
22	20115	Eye Bolt Angle	1
23	EB0788P	Eye Bolt 7/16" x 5 1/2"	1
24	LN5C07P	Lock Nut 7/16"	1
25	B5C0824P	Bolt 1/2" x 1 1/2"	1
26	B5C0724P	Bolt 7/16" x 1 1/2"	1

- A. SECURE WING TUBE #5 TO CENTRE TUBE KNUCKLES #3 PAGE 7 WITH KNUCKLE PINS 1 1/4" x 7 1/4", PLACING PIN STOP FACING OUTWARD.
- B. LOOSELY BOLT TRANSPORT WHEEL #17 TO WING TUBE WITH 1/2" x 6" BOLTS. INSTALL WHEELS.
- C. BOLT END WHEELS #19 TO WING TUBE GUSSETS OUTWARD, WITH 1/2" x 1 1/2" BOLTS, INSTALL WHEELS.
- D. BOLT SIDEWIND JACK AND BACKING PLATES #8, #11 AND #12 TO WING TUBE WITH 1/2" x 6" BOLTS.
- E. LOOSELY BOLT CABLE BRACKETS #16 TO WING TUBE WITH 3/4" x 6 1/2" BOLTS. PLACE CABLE BRACKETS IN FRONT OF TRANSPORT WHEEL.
- F. LIFT ARM SPACING - SEE PAGES 13 AND 14.
- G. WHEN LIFT ARMS ARE INSTALLED, TIGHTEN TRANSPORT WHEEL.



ITEM	PART NUMBER	DESCRIPTION	Nº
1	B5C0824P	Bolt 1/2" x 1 1/2"	8
2	B5C0896P	Bolt 1/2" x 6"	8
3	B5C12104P	Bolt 3/4" x 6 1/2"	2
4	30008	Short Lift Arm	*
	30009	Long Lift Arm	*
5	30004	8' Wing Tube for 27 1/2'	2
	30005	12' Wing Tube for 35'	2
	20026	13' Wing Tube for 38 1/2'	2
	30006	15' Wing Tube for 42'	2
	30007	17' Wing Tube for 45'	2
	20028	19' 6" Wing Tube for 49 1/2'	2
	20029	20' Wing Tube for 52'	2
	20030	21' 2" Wing Tube for 55'	2
	20032	24' 6" Wing Tube for 60 1/2'	2
6	B5C08120P	Bolt 1/2" x 7 1/2"	*
7	LN5C08P	Locknut 1/2"	2
8	20045	Backing Plate	2
9	CP0440	Cotter Pin 1/4" x 2 1/4"	2
10	20051	Pin Knuckle 1 1/4" x 7 1/4"	2
11	20046	Jack Plate c/w stub	2
12	92022	Swivel Stabilizer Jack	4
13	N5C12P	Nut 3/4"	*
14	91803	14' Cable	*
	91804	18' Cable	*
	91816	21' Cable	*
	91805	23' Cable	2
15	B5C1232P	Bolt 3/4" x 2"	2
16	20040	Cable Bracket	1
17	20039	Left Transport Wheel c/w 611 Hub	1
	20089	Right Transport Wheel c/w 611 Hub	*
18	91025	9.5L x 6 ply c/w 6" Wheel Rim	*
	91026	9.5L x 6 ply c/w 8" Wheel Rim	*
	91027	11L x 6 ply c/w 8" Wheel Rim	2
19	20038	End Wheel c/w 611 Hub	
*As Required			

- A. PLACE LONG LIFT ARM IN CENTRE OF CENTRE TUBE AND BOLT WITH $1\frac{1}{2}$ " x 7 $1\frac{1}{2}$ " BOLT.
DO NOT TIGHTEN UNTIL LIFT ARM SUPPORT ANGLES ARE ON.
- B. ALTERNATE THEREAFTER BETWEEN SHORT AND LONG LIFT ARMS. REFERRING TO CHART, FIND RIGHT SIZED PURCHASED AND FOLLOWING MEASUREMENTS THAT ARE GIVEN, WHICH IS IN INCHES, FOR PLACEMENT OF LIFT ARMS.
- C. MEASUREMENTS ARE FROM CENTRE TO CENTRE OF LIFT ARMS.
- D. MEASURE AND MARK SPACING BEFORE SECURING LIFT ARMS.
- E. TIGHTEN CABLE BRACKET ON CENTRE TUBE NEXT TO LIFT ARM.

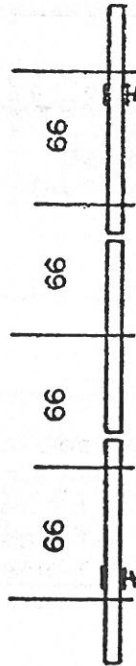
REGULAR SIZES

8 FT. Wing Tube

6 FT. 1" SUPPORT ANGLE

27 FT. 6" 5 @ 5 FT. 6"

14 FT. CABLE FOR 15 FT. A-FRAME



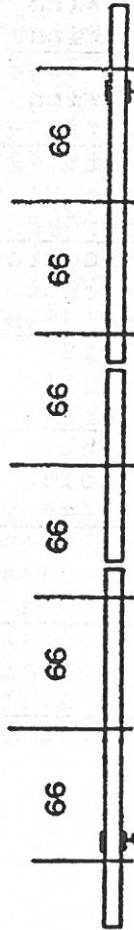
13 FT. Wing Tube

11 FT. 7" SUPPORT ANGLE

38 FT. 6" 7 @ 5 FT. 6"

18 FT. CABLE FOR 15 FT. A-FRAME

21 FT. CABLE FOR 20 FT. A-FRAME



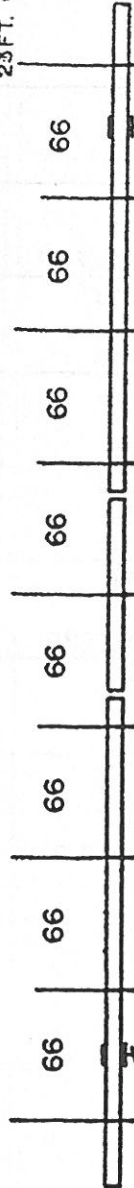
19 FT. 6" Wing Tube

17 FT. 1" SUPPORT ANGLE

49 FT. 6" 9 @ 5 FT. 6"

19 FT. CABLE FOR 15 FT. A-FRAME

23 FT. CABLE FOR 20 FT. A-FRAME

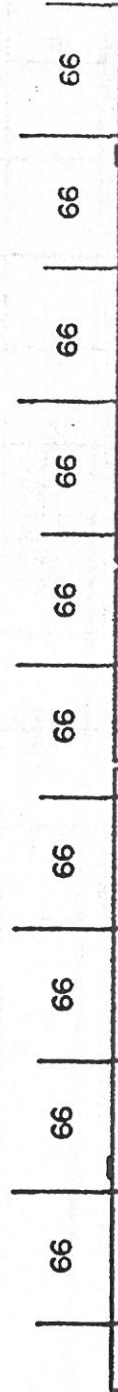


24 FT. 6" Wing Tube

22 FT. 7" SUPPORT ANGLE

60 FT. 6" 11 @ 5 FT. 6"

23 FT. CABLE FOR 20 FT. A-FRAME

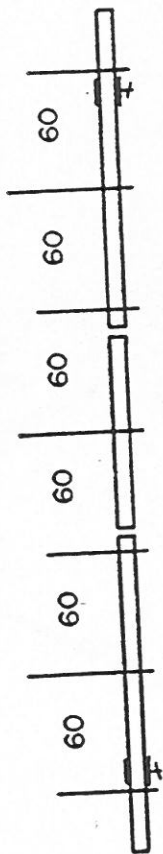


OPTIONAL PACKER SPACING

LAURIER

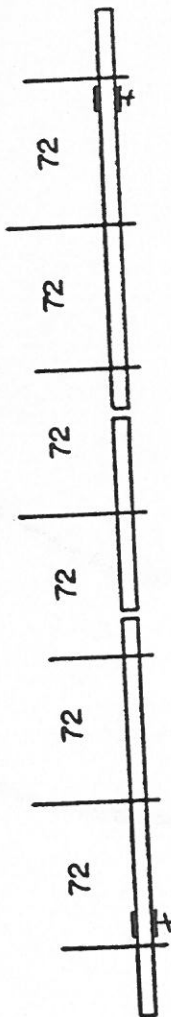
OPTIONAL SIZES

35 FT. 7 @ 5 Ft.
14 FT. CABLE FOR 15 FT. A-FRAME



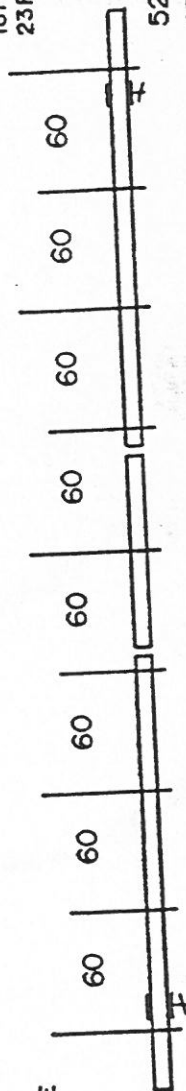
12 FT. Wing Tube
10 FT. 7" SUPPORT ANGLE

42 FT. 7 @ 6 Ft.
18 FT. CABLE FOR 15 FT. A-FRAME
21 FT. CABLE FOR 20 FT. A-FRAME



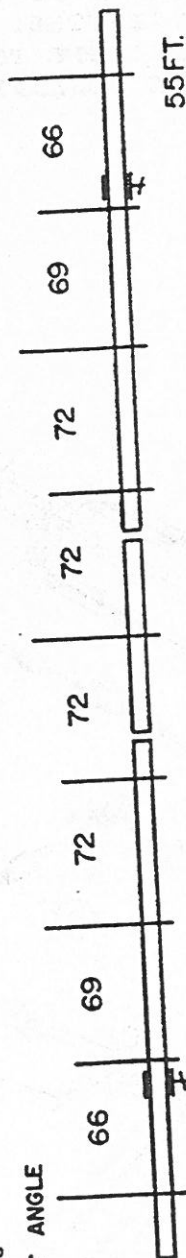
15 FT. Wing Tube
12 FT. 7" SUPPORT ANGLE

45 FT. 9 @ 5 Ft.
18 FT. CABLE FOR 15 FT. A-FRAME
23 FT. CABLE FOR 20 FT. A-FRAME



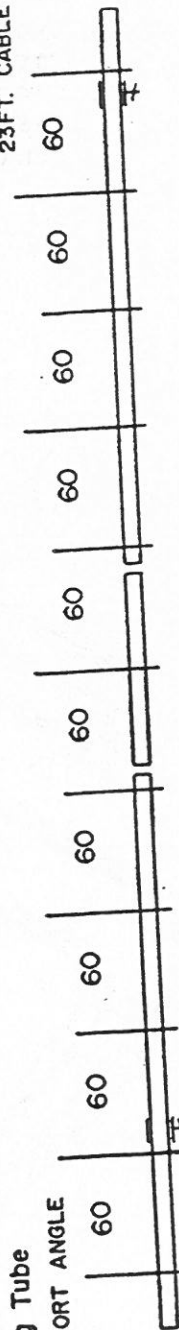
17 FT. Wing Tube
15 FT. 7" SUPPORT ANGLE

52 FT. 5 @ 6 Ft. 4 @ 5 Ft. 6"
23 FT. CABLE FOR 20 FT. A-FRAME



20 FT. Wing Tube
17 FT. 10" SUPPORT ANGLE

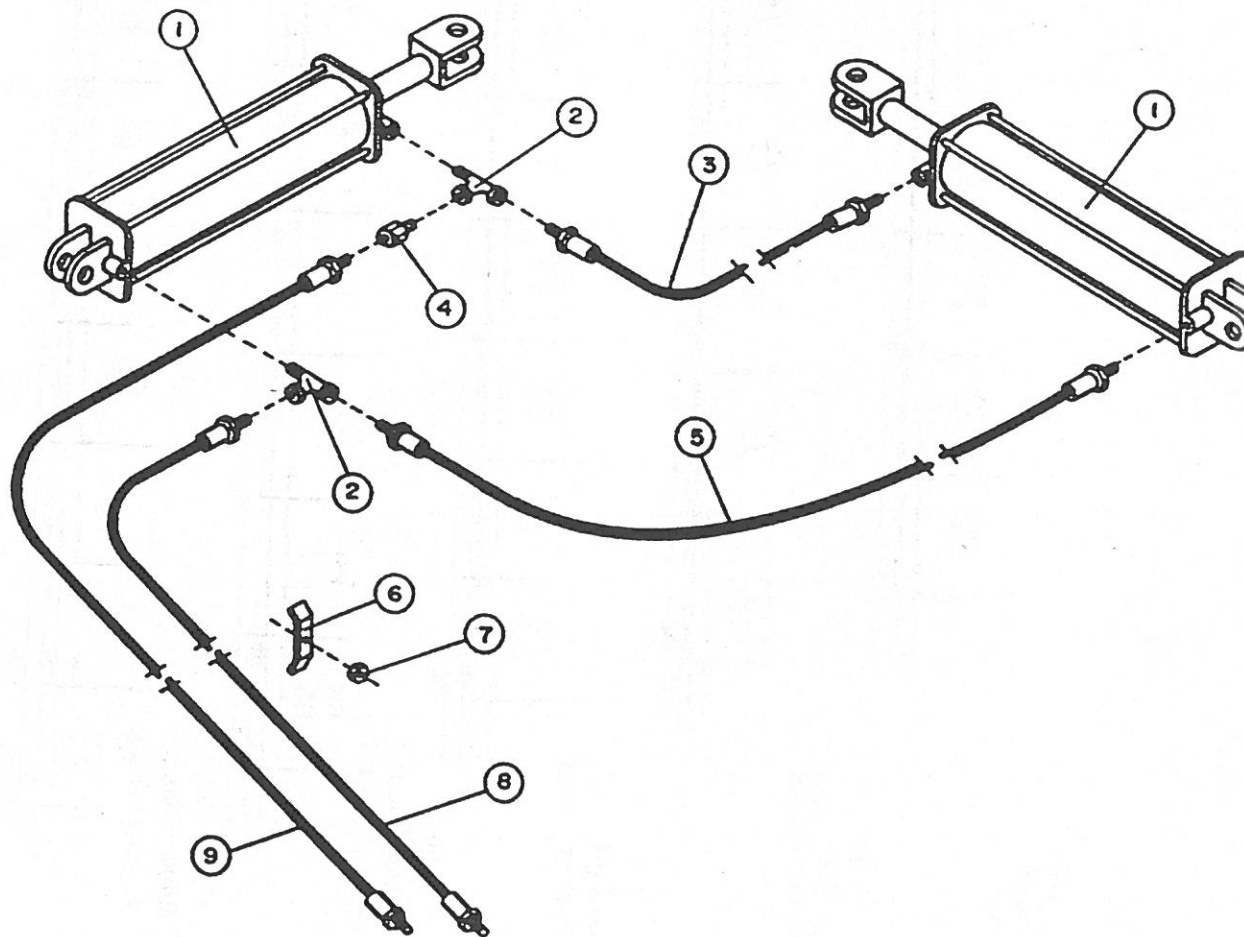
55 FT. 11 @ 5 Ft.
23 FT. CABLE FOR 20 FT. A-FRAME



21 FT. 2" Wing Tube
20 FT. 7" SUPPORT ANGLE

15FT. A-FRAME HYDRAULICS

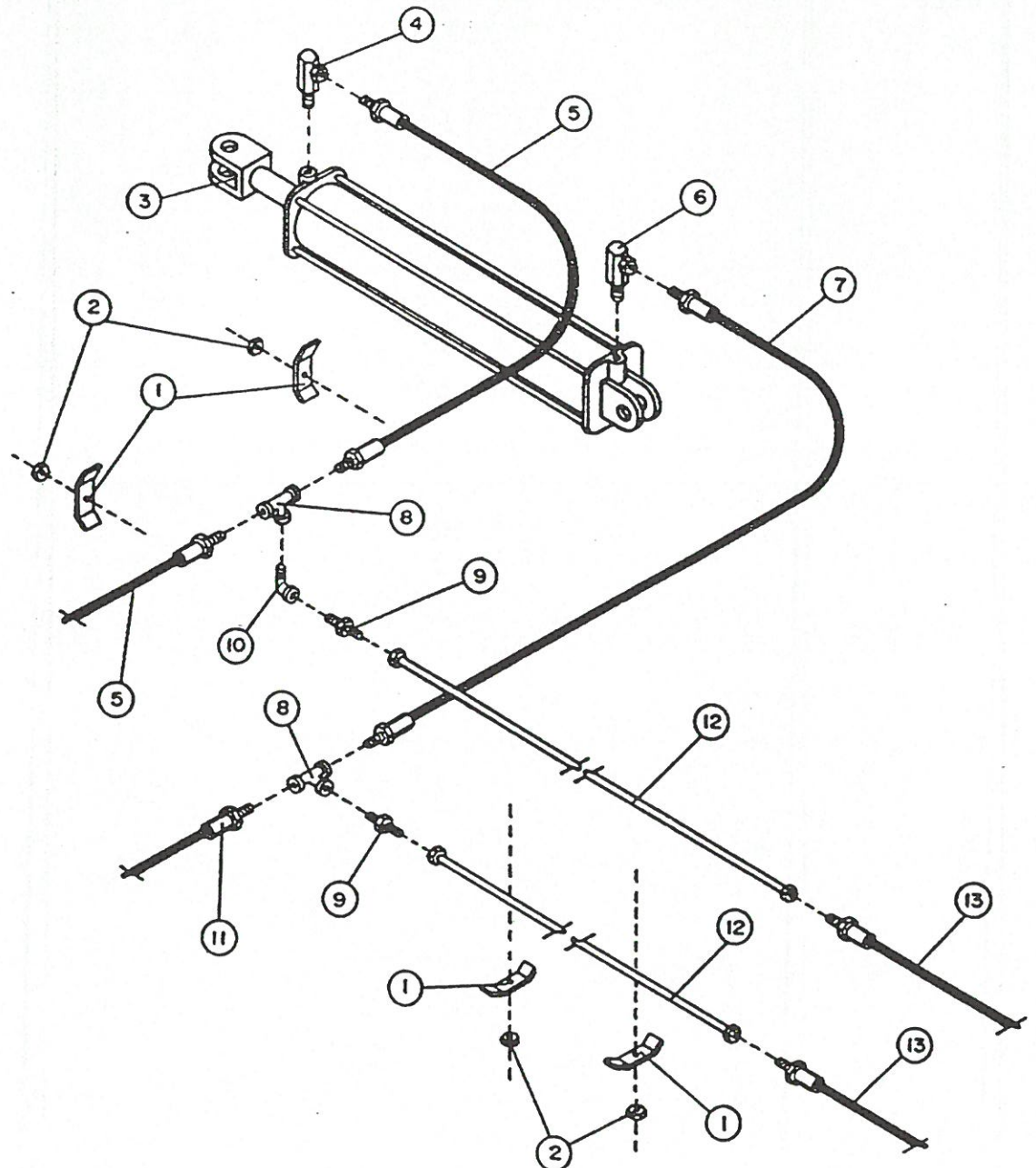
- A. INSTALL CYLINDERS #1, PORT HOLES INWARD, ROD END TO SWIVEL BRACKETS.
- B. INSTALL STREET TEES #2 ON RIGHT HAND CYLINDER ONLY.
- C. INSTALL RESTRICTOR #4 ON TOP OF STREET TEE ON RIGHT HAND CYLINDER.
- D. INSTALL HOSES AS SHOWN BELOW CHECKING PARTS LIST FOR RIGHT LENGTHS.
- E. SECURE HOSES TO A-FRAME HITCH WITH HOSE CLAMPS AND BY PASSING HOSES THRU HOLES PROVIDED IN AUTO FOLD CROSS PLATE.



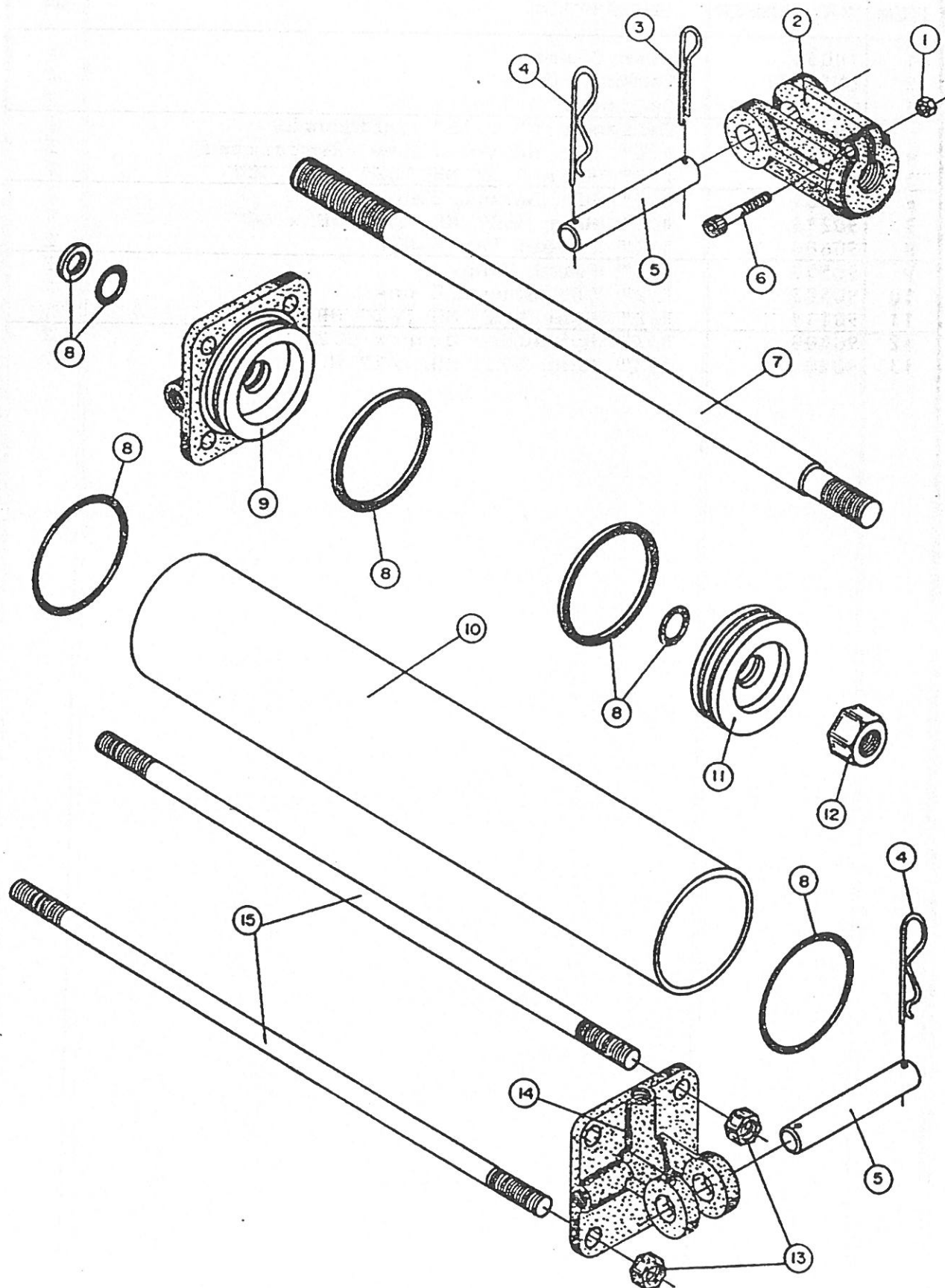
ITEM	PART NUMBER	DESCRIPTION	Nº
1	90103	Cylinder 3 1/2" x 16"	2
	90105	Cylinder 4" x 16" (optional)	2
2	90601	1/2" Street Tee M-F-F-	2
3	90206	1/2" Hose 1/2" MB 1/2" MC x 60"	1
4	90551	1/2" Restrictor	1
5	90205	1/2" Hose 1/2" MB 1/2" MC x 51"	1
6	10034	Hose Clamp	1
7	LN5C07P	Locknut 7/16"	1
8	90207	1/2" Hose 1/2" MB 1/2" MB x 184"	1
9	90208	1/2" Hose 1/2" MB 1/2" MB x 204"	1

20FT. A-FRAME HYDRAULICS

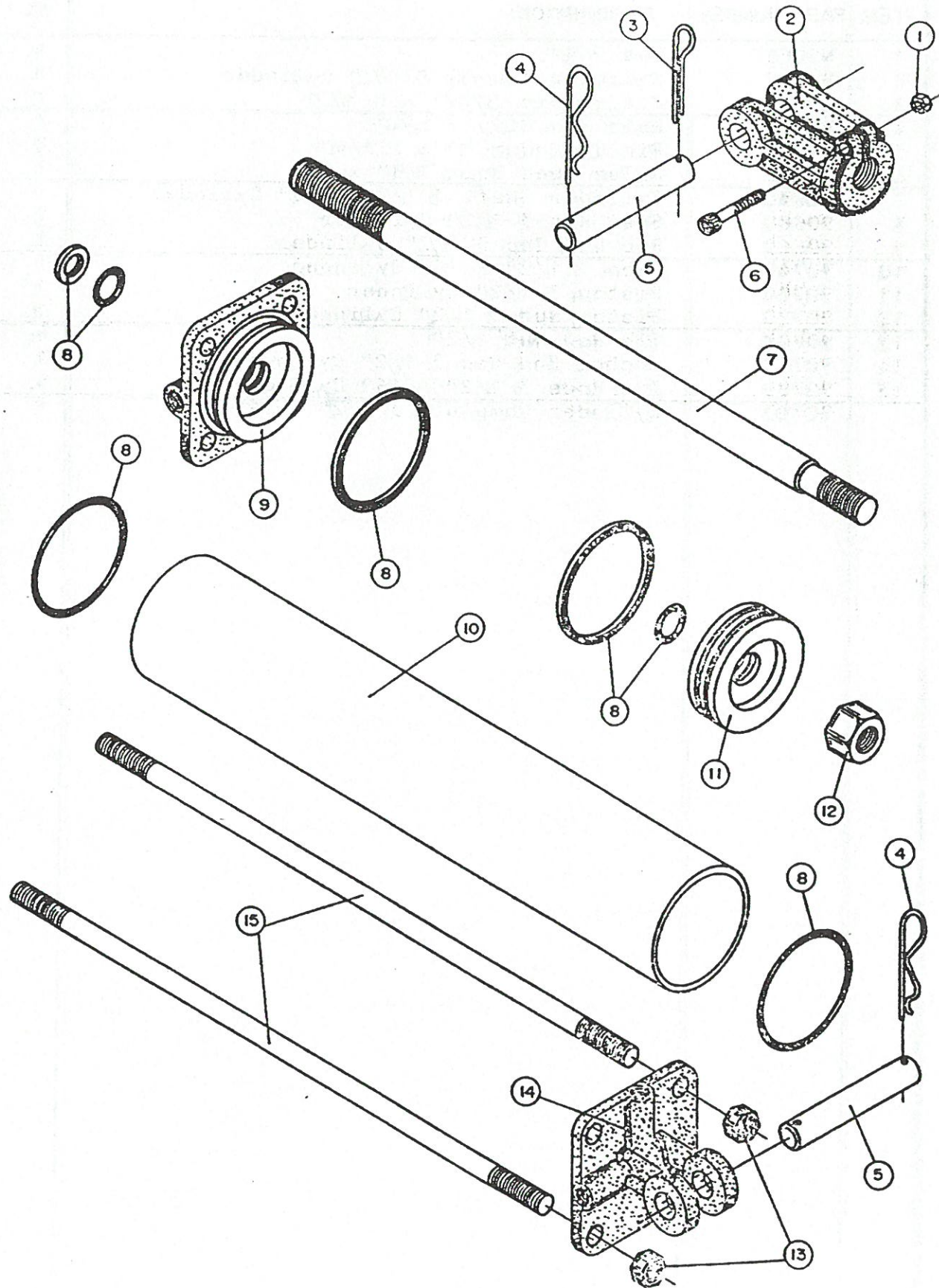
- A. INSTALL CYLINDERS #3, PORT HOLES UPWARD, ROD END TO SWIVEL BRACKET.
- B. INSTALL 90° SWIVEL ELBOWS #4 AND #6 ON CYLINDERS, RESTRICTED ONES #4 PLACED ON TOP PORT.
- C. INSTALL STREET ELBOWS #10, TEES #8, UNIONS #9 TO 1/2" HYDRAULIC LINES #12. THEN INSTALL HYDRAULIC LINES TO UNDERSIDE OF A-FRAME SECURING WITH HOSE CLAMPS AND PASSING LINES THRU AUTO FOLD CROSS PLATE.
- D. INSTALL HOSES AS SHOWN BELOW, CHECKING PARTS LIST FOR RIGHT LENGTHS.



ITEM	PART NUMBER	DESCRIPTION	Nº
1	10034	Hose Clamp	4
2	LN5C07P	Locknut 7/16"	4
3	90103	Cylinder 3 1/2" x 16"	2
	90105	Cylinder 4" x 16" (optional)	2
4	90500	1/2" 90° Swivel Elbow (Restricted)	2
5	90217	1/2" Hose 1/2" MB 1/2" MB x 80"	2
6	90501	1/2" 90° Swivel Elbow	2
7	90216	1/2" Hose 1/2" MB 1/2" MB x 60"	1
8	90600	1/2" Street Tee F-F-F	2
9	90550	1/2" Flare Adaptor	2
10	90502	1/2" 90° Street Elbow	1
11	90219	1/2" Hose 1/2" MB 1/2" MB x 58"	1
12	90400	1/2" Hydraulic Line x 132"	2
13	90202	1/2" Hose 1/2" MB 1/2" MJ x 84"	2



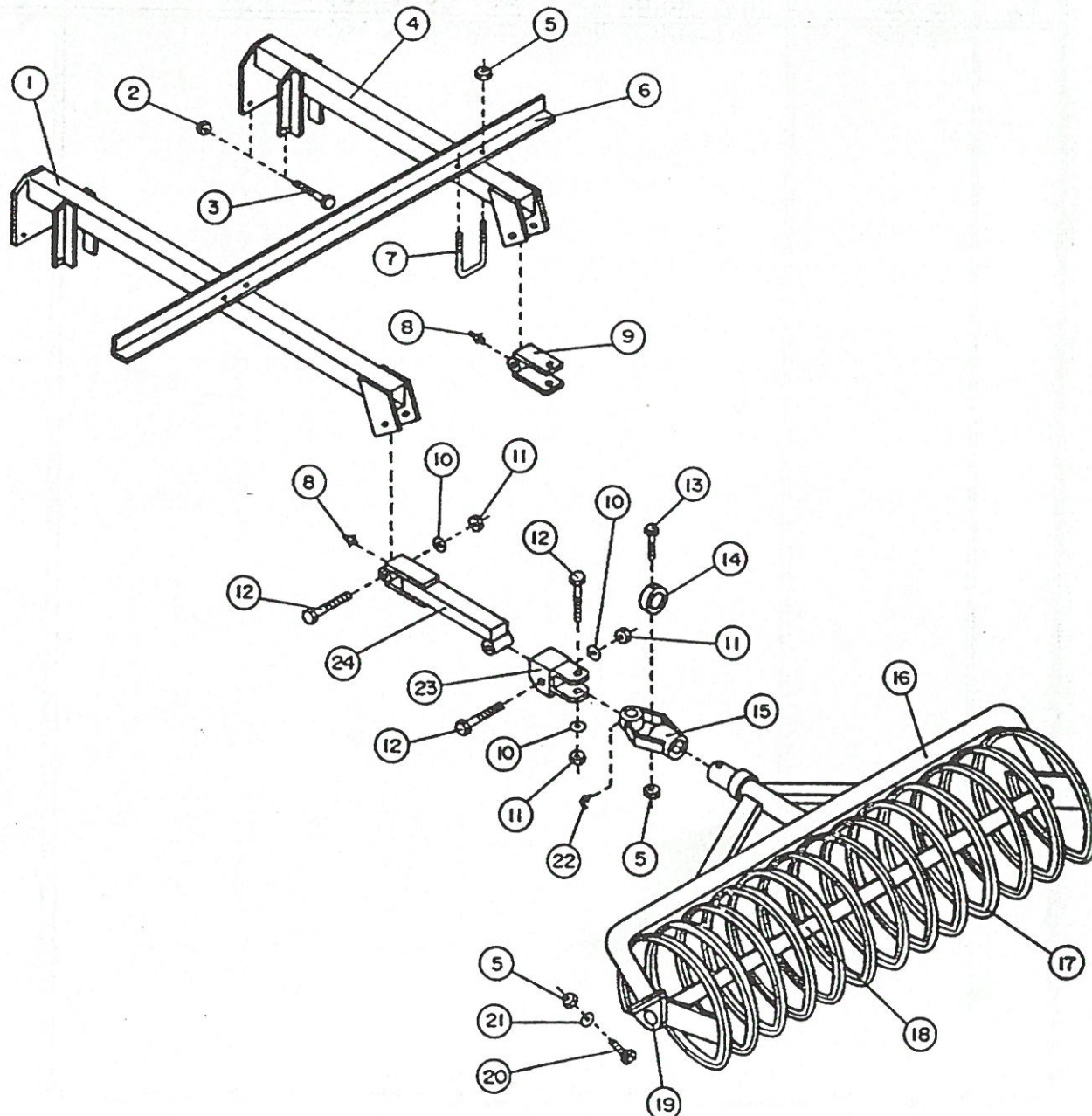
ITEM	PART NUMBER	DESCRIPTION	Nº
1	NSC06P	Nut 3/8"	1
2	90620	Cylinder Clevis 3 1/2" cylinder	1
3	CP0324	Cotter Pin 3/16" x 1 1/2"	2
4	HP52	Hair Pin Clip 3 1/4"	2
5	91603	Pin Cylinder 1" x 3 3/4"	2
6	92016	Allan Head Bolt 3/8" x 2"	1
7	90640	Cylinder Shaft 3 1/2" x 16" Cylinder	1
8	90680	Seal Kit 3 1/2" Cylinder	1
9	90660	Rod End Cap 3 1/2" Cylinder	1
10	90740	Tube 3 1/2" x 16" Cylinder	1
11	90700	Piston 3 1/2" Cylinder	1
12	90720	Piston Nut 3 1/2" Cylinder	1
13	90800	Tie Rod Nut 1/2"	8
14	90760	Anchor End Cap 3 1/2" Cylinder	1
15	90780	Tie Rods 3 1/2" x 16" Cylinder	4
	90103	Cylinder Complete 3 1/2" x 16"	*



ITEM	PART NUMBER	DESCRIPTION	Nº
1	N5C06P	Nut 3/8"	1
2	90620	Cylinder Clevis 4" Cylinder	1
3	CP0324	Cotter Pin 3/16" x 1 1/2"	2
4	HP52	Hair Pin Clip 3 1/4"	2
5	91603	Pin Cylinder 1" x 3 3/4"	2
6	92016	Allan Head Bolt 3/8" x 2"	1
7	90640	Cylinder Shaft 3 1/2" x 16" Cylinder	1
8	90682	Seal Kit 4" Cylinder	1
9	90665	Rod End Cap 4" Cylinder	1
10	90745	Tube 4" x 16" Cylinder	1
11	90704	Piston 4" Cylinder	1
12	90720	Piston Nut 4" Cylinder	1
13	90800	Tie Rod Nuts 1/2"	8
14	90762	Anchor End Cap 4" Cylinder	1
15	90780	Tie Rods 4" x 16" Cylinder	4
	90105	Cylinder Complete 4" x 16"	*

PACKER ASSEMBLY

- A. INSTALL REQUIRED LIFT ARM SUPPORT ANGLES #6 ON LIFT ARMS, THEN TIGHTEN LIFT ARMS. SHOULD BE 34" FROM BACK OF LONG LIFT ARM TO PLACEMENT OF ANGLE.
- B. BOLT SHORT PACKER HITCH #9 ON SHORT LIFT ARM #4, AND BOLT LONG PACKER HITCH #24 ON LONG LIFT ARM #1, SECURE WITH $\frac{3}{4}$ " x 4 $\frac{1}{2}$ " BOLTS.
- C. BOLT PACKER KNUCKLE #23 TO LONG PACKER HITCH WITH $\frac{3}{4}$ " x 4 $\frac{1}{2}$ " BOLTS.
- D. INSTALL 1 $\frac{1}{4}$ " PILLOW BLOCK #19 ONTO PACKER SHAFTS, LOCK COLLARS TOWARDS COIL. SECURE PILLOW BLOCKS TO PACKER OVERBRACE #16 WITH $\frac{7}{16}$ " x 1 $\frac{3}{4}$ " BOLTS. DO NOT OVER TIGHTEN PILLOW BLOCKS.
- E. INSTALL PACKER SWIVEL HITCH #15 ON PACKER OVERBRACE AND SECURE IN PLACE WITH COLLAR AND $\frac{7}{16}$ " x 3 $\frac{1}{2}$ " BOLT.
- F. BOLT PACKER SWIVEL HITCH TO PACKER KNUCKLE WITH $\frac{3}{4}$ " x 4 $\frac{1}{2}$ " BOLT.
- G. TIGHTEN CABLE BRACKET IN PLACE, MAKING SURE CABLES ARE STRETCHED TIGHT.



ITEM	PART NUMBER	DESCRIPTION	Nº
1	30009	Long Lift Arm	*
2	LN5C08P	Locknut 1/2"	*
3	B5C08120P	Bolt 1/2" x 7 1/2"	*
4	30008	Short Lift Arm	*
5	LN5C07P	Locknut 7/16"	*
6	30012	6'1" Lift Arm Angle for 27 1/2'	2
	30013	10'7" Lift Arm Angle for 35'	2
	30014	11'7" Lift Arm Angle for 38 1/2'	2
	30015	12'7" Lift Arm Angle for 42'	2
	30016	15'7" Lift Arm Angle for 45'	2
	30017	17'1" Lift Arm Angle for 49 1/2'	2
	30018	17'10" Lift Arm Angle for 52'	2
	30019	20'7" Lift Arm Angle for 55'	2
	30020	22'7" Lift Arm Angle for 60 1/2'	2
7	UB075060	U-Bolt 7/16" x 3 1/8" x 3 3/4"	*
8	91700	Grease Nipple 1/8" NPT Straight	*
9	30010	Short Packer Hitch	*
10	W12P	Lockwasher 3/4"	*
11	N5C12P	Nut 3/4"	*
12	B5C1272P	Bolt 3/4" x 4 1/2"	*
13	B5C0756P	Bolt 7/16" x 3 1/2"	*
14	10044	Packer Collar	*
15	10043	Packer Swivel Hitch	*
16	30021	Packer Overbrace 5'	*
	10067	Packer Overbrace 5 1/2'	*
	30022	Packer Overbrace 6'	*
17	30023	Left Hand Packer Coil 1 1/2" 5'	*
	30024	Right Hand Packer Coil 1 1/2" 5'	*
	30025	Left Hand Packer Coil 1 3/4" 5'	*
	30026	Right Hand Packer Coil 1 3/4" 5'	*
	10039	Left Hand Packer Coil 1 1/2" 5 1/2'	*
	10040	Left Hand Packer Coil 1 3/4" 5 1/2'	*
	10041	Right Hand Packer Coil 1 1/2" 5 1/2'	*
	10042	Right Hand Packer Coil 1 3/4" 5 1/2'	*
	30027	Left Hand Packer Coil 1 1/2" 6'	*
	30028	Right Hand Packer Coil 1 1/2" 6'	*
	30029	Left Hand Packer Coil 1 3/4" 6'	*
	30030	Right Hand Packer Coil 1 3/4" 6'	*
18	30031	5' Packer Shaft	*
	10140	5 1/2' Packer Shaft	*
	30032	6' Packer Shaft	*
19	92000	Pillow Block	*
20	B5C0728P	Bolt 7/16" x 1 3/4"	*
21	FW07P	Flatwasher 7/16"	*
22	91701	Grease Nipple 1/8" NPT x 90*	*
23	10062	Packer Knuckle	*
24	30011	Long Packer Hitch	*
*As Required			

HOOK UP:

SECURE PACKER BAR TO TRACTOR OR IMPLEMENT. CONNECT THE HYDRAULIC HOSES, OPERATE HYDRAULICS.

NOTE: THE TRACTOR RESERVOIR MAY REQUIRE ADDITIONAL OIL AFTER HYDRAULICS ARE USED.

WORKING POSITION:

TO SET PACKER IN WORKING POSITION. UNBOLT CYLINDER LOCKS, ONLY IF CYLINDERS ARE PRESSURIZED. BACK UP PACKER UNIT UNTIL CENTRE TUBE AND WINGS ARE IN STRAIGHT LINE. START LOWERING PACKERS SLOWLY UNTIL THE FIRST SET OF PACKERS TOUCH THE GROUND. DRIVE FORWARD SLOWLY WHILE CONTINUING TO LOWER PACKERS.

TRANSPORT POSITION:

TO SET PACKER BAR IN TRANSPORT POSITION. PROCEED TO LIFT PACKERS UNTIL LIFT ARM AND PACKERS ARE IN VERTICAL POSITION. THE SHORT CABLE SHOULD BE DRAWN TIGHT WITH THE AUTO FOLD LOCK LATCH IN THE OPEN POSITION. DRIVE FORWARD UNTIL WINGS ARE FOLDED BACK. INSTALL CYLINDER LOCKS.

DISCONNECT UNIT:

TO UNHOOK PACKER BAR FROM TRACTOR. FIRST LOWER SIDEWIND JACKS AND HAVE THEM SET TO TAKE PRESSURE OFF TRACTOR HITCH. DISCONNECT HYDRAULIC HOSES AND REMOVE DRAW BAR PIN.

LUBRICATION:

GREASE NIPPLES AND KNUCKLES SHOULD BE GREASED DAILY. CHECK DAILY ALSO KNUCKLE PINS AND COTTER PINS TO BE SURE THAT THEY ARE SECURE. REMOVE WHEEL HUBS ANNUALLY. MAKE SURE WHEEL BOLTS AND ALL BOLTS ON PACKER BAR REMAIN TIGHT.

PARTS INDEX

LAURIER

PART #	PAGE	ITEM	DESCRIPTION	PART #	PAGE	ITEM	DESCRIPTION
10015	7	1	Pin Hitch	30007	11	5	17' Wing Tube
10022	1	10	Bolt on Hitch	30008	11	4	Short Lift Arm
10022	3	17	Bolt on Hitch	30008	23	4	Short Lift Arm
10034	15	6	Hose Clamp	30009	11	4	Long Lift Arm
10034	17	1	Hose Clamp	30009	23	1	Long Lift Arm
10039	23	17	LH Coil 1½"5½'	30010	23	9	Short Packer Hitch
10040	23	17	LH Coil 1½"5½'	30011	23	24	Long Packer hitch
10041	23	17	RH Coil 1½"5½'	30012	23	6	6'1" Lift Arm Angle
10042	23	17	RH Coil 1½"5½'	30013	23	6	10'7" Lift Arm Angle
10043	23	15	Packer Swivel Hitch	30014	23	6	11'7" Lift Arm Angle
10044	23	14	Packer Collar	30015	23	6	12'7" Lift Arm Angle
10059	9	23	AutoFold Spring Plate	30016	23	6	15'7" Lift Arm Angle
10060	9	3	Cable Bracket Pin	30017	23	6	17'1" Lift Arm Angle
10062	23	23	Packer Knuckle	30018	23	6	17'10" Lift Arm Angle
10067	23	16	Packer Overbrace 5½'	30019	23	6	20'7" Lift Arm Angle
10140	23	18	5½' Packer Shaft	30020	23	6	22'7" Lift Arm Angle
20001	1	2	15' Frame Axle	30021	23	21	Packer Overbrace 5'
20002	1	3	15'LT AFrame Hitch	30022	23	21	Packer Overbrace 6'
20003	1	12	15'RT AFrame Hitch	30023	23	17	LH Coil 1½" 5'
20004	1	5	Cross Plate	30024	23	17	RH Coil 1½" 5'
20004	3	19	Cross Plate	30025	23	17	LH Coil 1½" 5'
20008	3	3	20' Frame Axle	30026	23	17	RH Coil 1½" 5'
20009	3	4	20'LT Hitch Tube	30027	23	17	LH Coil 1½" 6'
20010	3	1	20'RT Hitch Tube	30028	23	17	RH Coil 1½" 6'
20011	3	8	A Frame Cross Member	30029	23	17	LH Coil 1½" 6'
20012	3	12	20' LT AFrame Hitch	30030	23	17	RH Coil 1½" 6'
20013	3	9	20' RT AFrame Hitch	30031	23	18	5' Packer Shaft
20014	3	10	AFrame Cross Angle	30032	23	18	6' Packer Shaft
20020	7	4	Pin Knuckle 1½"x8½"	90103	7	11	Cylinder 3½" x 16"
20023	7	8	Pin Cylinder Lock	90103	15	1	Cylinder 3½" x 16"
20024	7	15	Cylinder Lock	90103	17	3	Cylinder 3½" x 16"
20026	11	5	13' Wing Tube	90103	19	*	Cylinder 3½" x 16"
20028	11	5	19'6" Wing Tube	90105	7	11	Cylinder 4" x 16"
20029	11	5	20' Wing Tube	90105	15	1	Cylinder 4" x 16"
20030	11	5	21'2" Wing Tube	90105	17	3	Cylinder 4" x 16"
20032	11	5	24'6" Wing Tube	90105	21	*	Cylinder 4" x 16"
20038	11	19	End Wheel	90202	17	13	1/2" Hose x 84"
20039	11	17	LT Transport Wheel	90205	15	5	1/2" Hose x 51"
20040	11	16	Cable Bracket	90206	15	3	1/2" Hose x 60"
20045	9	5	Backing Plate	90207	15	8	1/2" Hose x 184"
20045	11	8	Backing Plate	90208	15	9	1/2" Hose x 204"
20046	11	11	Jack Plate c/w stub	90216	17	7	1/2" Hose x 60"
20051	11	10	Pin Knuckle 1½"x7½"	90217	17	5	1/2" Hose x 80"
20060	9	22	LT AutoFold Bracket	90219	17	11	1/2" Hose x 58"
20061	9	12	RT AutoFold Bracket	90400	17	12	Hydraulic Line 1/2"x132"
20062	9	1	Auto Fold	90500	17	4	90* Swivel Elbow(Restrictor)
20063	9	18	AutoFold Lock Plate	90501	17	6	90* Swivel Elbow
20064	9	17	AutoFold Cross Plate	90502	17	10	90* Street Elbow
20065	9	6	AutoFold Cable Bracket	90550	17	9	Flare Adaptor
20084	7	10	Cylinder Swivel	90551	15	4	Restrictor
20089	11	17	RT Transport Wheel	90600	17	8	Tee Street F-F-F
30001	7	9	Centre 8'	90601	15	2	Tee Street M-F-F
30002	7	3	Left Knuckle	90620	19	2	3 1/2" Cylinder Clevis
30003	7	3	Right Knuckle	90620	21	2	4" Cylinder Clevis
30004	11	5	8' Wing Tube	90640	19	7	Cylinder Shaft 3½"x16"
30005	11	5	12' Wing Tube	90640	21	7	Cylinder Shaft 4" x16"
30006	11	5	15' Wing Tube	90660	19	9	3½" Cyl Rod End Cap

LAURIER

PART #	PAGE	ITEM	DESCRIPTION	PART #	PAGE	ITEM	DESCRIPTION
90665	21	9	4" Cyl Rod End Cap	92003	1	6	Serial Number Plate
90680	19	8	3½" Cyl Seal Kit	92003	33	11	Serial Number Plate
90682	21	8	4" Cyl Seak Kit	92005	5	15	Valve Stem
90700	19	11	3½" Cyl Piston	92014	9	8	Cable Wire Clamp 1/4
90704	21	11	4" Cyl Piston	92015	9	7	Thimble
90720	19	12	Piston Nut 3½"	92016	19	6	AllanHead Bolt 3/8"x
90720	21	12	Piston Nut 4"	92016	21	6	AllanHead Bolt 3/8"x
90740	19	10	3½"x16" Cyl. Tube	B5C0728P	23	20	Bolt 7/16" x 1 3/4"
90745	21	10	4" x16" Cyl. Tube	B5C0756P	23	13	Bolt 7/16" x 3 1/2"
90760	19	14	3½" Cyl. End Cap	B5C0824P	1	4	Bolt 1/2" x 1 1/2"
90762	21	14	4" Cyl. End Cap	B5C0824P	3	13	Bolt 1/2" x 1 1/2"
90780	19	15	3½"x16" Cyl Tie Rod	B5C0824P	11	1	Bolt 1/2" x 1 1/2"
90780	21	15	4" x16" Cyl Tie Rod	B5C0872P	3	2	Bolt 1/2" x 4 1/2"
90800	19	13	Tie Rod Nut 1/2"	B5C0896P	9	4	Bolt 1/2" x 6"
90800	21	13	Tie Rod Nut 1/2"	B5C0896P	11	2	Bolt 1/2" x 6"
91000	5	13	9.5L x 6ply Tire	B5C08120P	11	6	Bolt 1/2" x 7 1/2"
91001	5	13	11L x 6ply Tire	B5C08120P	23	3	Bolt 1/2" x 7 1/2"
91025	1	13	9.5L x 6 c/w 6" Rim	B5C1028P	3	5	Bolt 5/8" x 1 3/4"
91025	3	20	9.5L x 6 c/w 6" Rim	B5C1028P	9	19	Bolt 5/8" x 1 3/4"
91025	11	18	9.5L x 6 c/w 6" Rim	B5C1032P	1	1	Bolt 5/8" x 2"
91026	1	13	9.5L x 6 c/w 8" Rim	B5C1232P	7	14	Bolt 3/4" x 2"
91026	3	20	9.5L x 6 c/w 8" Rim	B5C1232P	9	15	Bolt 3/4" x 2"
91026	11	18	9.5L x 6 c/w 8" Rim	B5C1232P	11	15	Bolt 3/4" x 2"
91027	1	13	11L x 6 c/w 8" Rim	B5C1272P	23	12	Bolt 3/4" x 4 1/2"
91027	3	20	11L x 6 c/w 8" Rim	B5C12104P	11	3	Bolt 3/4" x 6 1/2"
91027	11	18	11L x 6 c/w 8" Rim	B5C16120P	1	11	Bolt 1" x 7 1/2"
91050	5	14	15"x8"x6" Wheel Rim	B5C16120P	3	18	Bolt 1" x 7 1/2"
91051	5	14	15"x6"x6" Wheel Rim	CPO324	5	11	Cotter Pin 3/16" x 1
91060	5	6	Wheel Bolt 1/2"	CPO324	5	12	Cotter Pin 3/16" x 1
91070	5	5	611 Hub	CPO324	19	3	Cotter Pin 3/16" x 1
91090	5	2	611 Seal	CPO324	21	3	Cotter Pin 3/16" x 1
91110	5	8	611 Outer Cone	CPO440	7	5	Cotter Pin 1/4" x 2
91130	5	7	611 Outer Race	CPO440	11	5	Cotter Pin 1/4" x 2
91150	5	4	611 Inner Race	FW07P	23	21	Flatwasher 7/16"
91170	5	3	611 Inner Cone	FW16P	7	7	Flatwasher 1"
91190	5	9	611 1" Washer	HP52	7	6	Hairpin Clip 3 1/4"
91210	5	10	611 1" Castlrelated Nut	HP52	9	2	Hairpin Clip 3 1/4"
91230	5	12	611 Dustcap	HP52	19	4	Hairpin Clip 3 1/4"
91250	5	1	611 Spindle 2"x10"	HP52	21	4	Hairpin Clip 3 1/4"
91252	5	1	611 Spindle 2"x14"	LN5C06P	19	1	Locknut 3/8"
91400	9	13	Auto Fold Springs	LN5C06P	21	1	Locknut 3/8"
91603	7	13	Pin Cylinder	LN5C07P	15	7	Locknut 7/16"
91603	19	5	Pin Cylinder	LN5C07P	17	2	Locknut 7/16"
91603	21	5	Pin Cylinder	LN5C07P	23	5	Locknut 7/16"
91700	7	2	Grease Nipple 1/8" str	LN5C09P	1	7	Locknut 1/2"
91700	23	8	Grease Nipple 1/8" str	LN5C08P	3	14	Locknut 1/2"
91701	23	22	Grease Nipple 1/8" 90°	LN5C08P	9	9	Locknut 1/2"
91803	11	14	14' Cable	LN5C08P	11	7	Locknut 1/2"
91804	11	14	18' Cable	LN5C08P	23	2	Locknut 1/2"
91805	11	14	23' Cable	LN5C12P	7	16	Locknut 3/4"
91812	9	10	10'7" Cable	N5C10P	1	14	Nut 5/8"
91813	9	11	10'5" Cable	N5C10P	3	7	Nut 5/8"
91814	9	10	15'10" Cable	N5C10P	9	21	Nut 5/8"
91815	9	11	15'8" Cable	N5C12P	9	16	Nut 3/4"
91816	11	14	21' Cable	N5C12P	11	13	Nut 3/4"
92000	23	19	Pillow Block	N5C12P	23	11	Nut 3/4"
92002	11	12	Sidewind Jack	N5C16P	1	8	Nut 1"