



P.O. BOX 307
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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 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.

HIGH LINE MFG. INC.

It is the policy of HIGH LINE MFG. INC. 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.

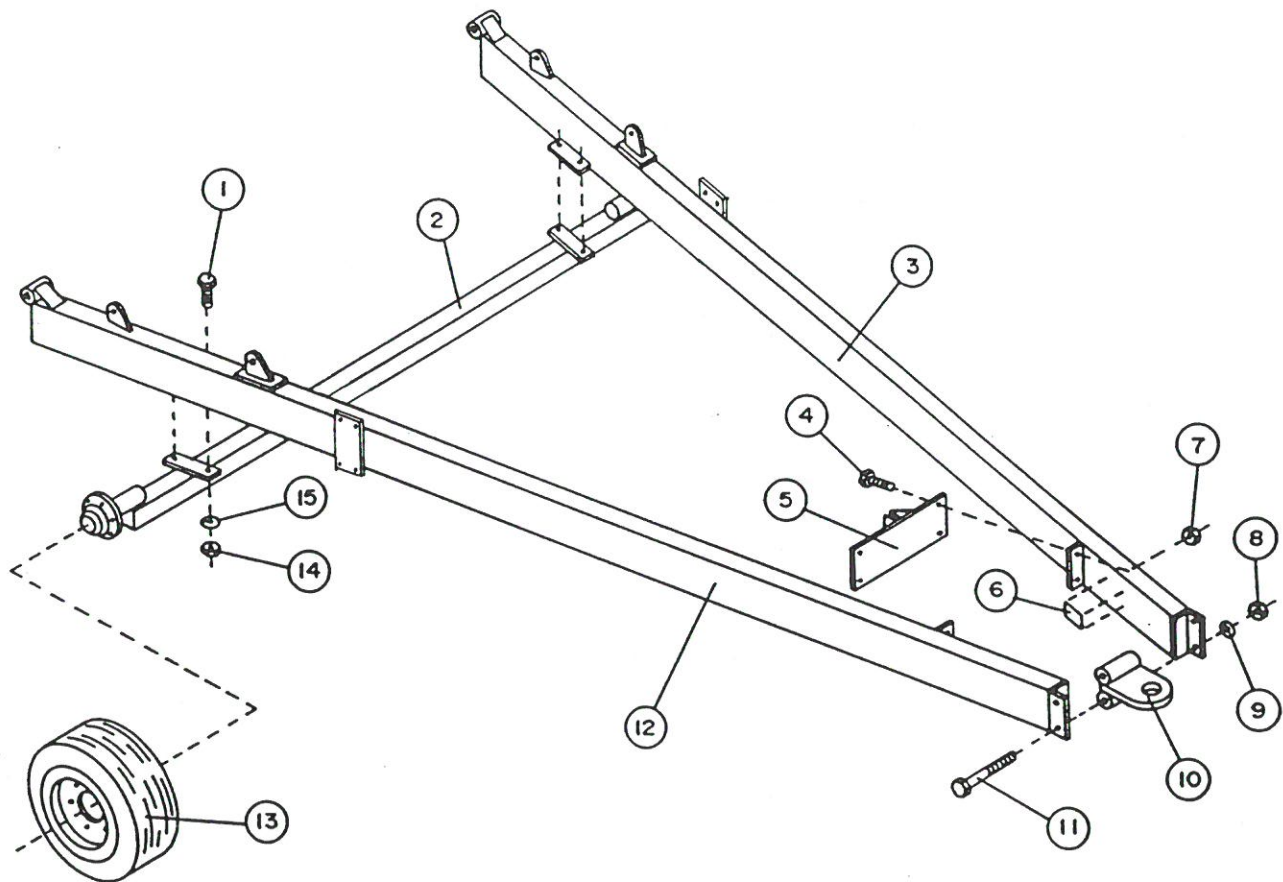
TABLE OF CONTENTS

<u>ITEM</u>	<u>PAGE</u>
Letter to Owner.....	
Policy	
Set-up & Parts Section.....	1
Operator's Instructions.....	25
Parts Index	26

15 ft. A-Frame Hitch

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

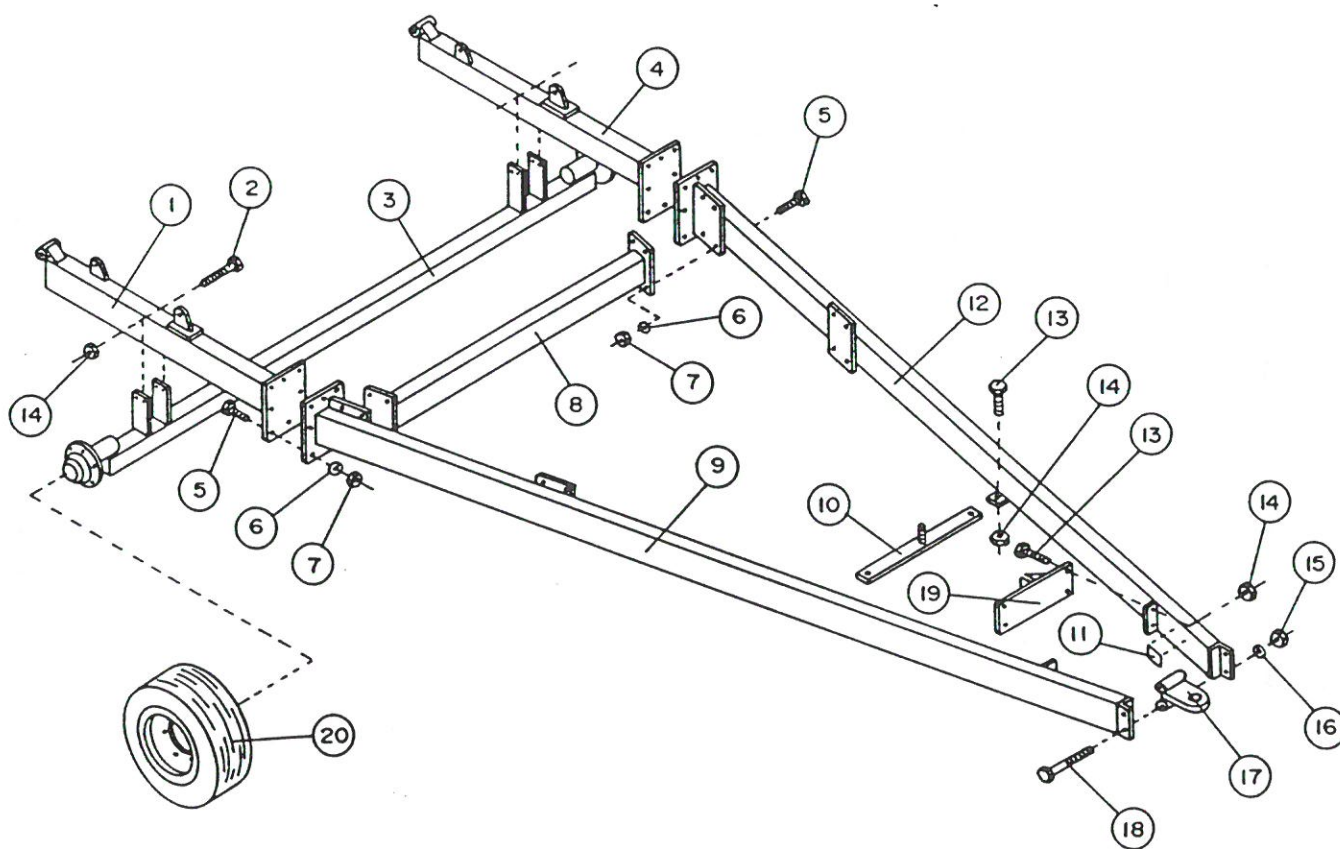


ITEM	PART NUMBER	DESCRIPTION	Nº
1	B5C1032P	Bolt 5/8" x 2"	4
2	20001	15' Frame Axle	1
3	20002	15' Left A-Frame Hitch	1
4	B5C0824P	Bolt 1/2" x 1 1/2"	4
5	20125	Cross Plate	1
6	92003	Serial Number Plate	1
7	LN5C08P	Locknut 1/2"	4
8	N5C16P	Nut 1"	2
9	W16P	Lockwasher 1"	2
10	10022	Bolt on Hitch	1
11	B5C16120P	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

20 ft A-Frame

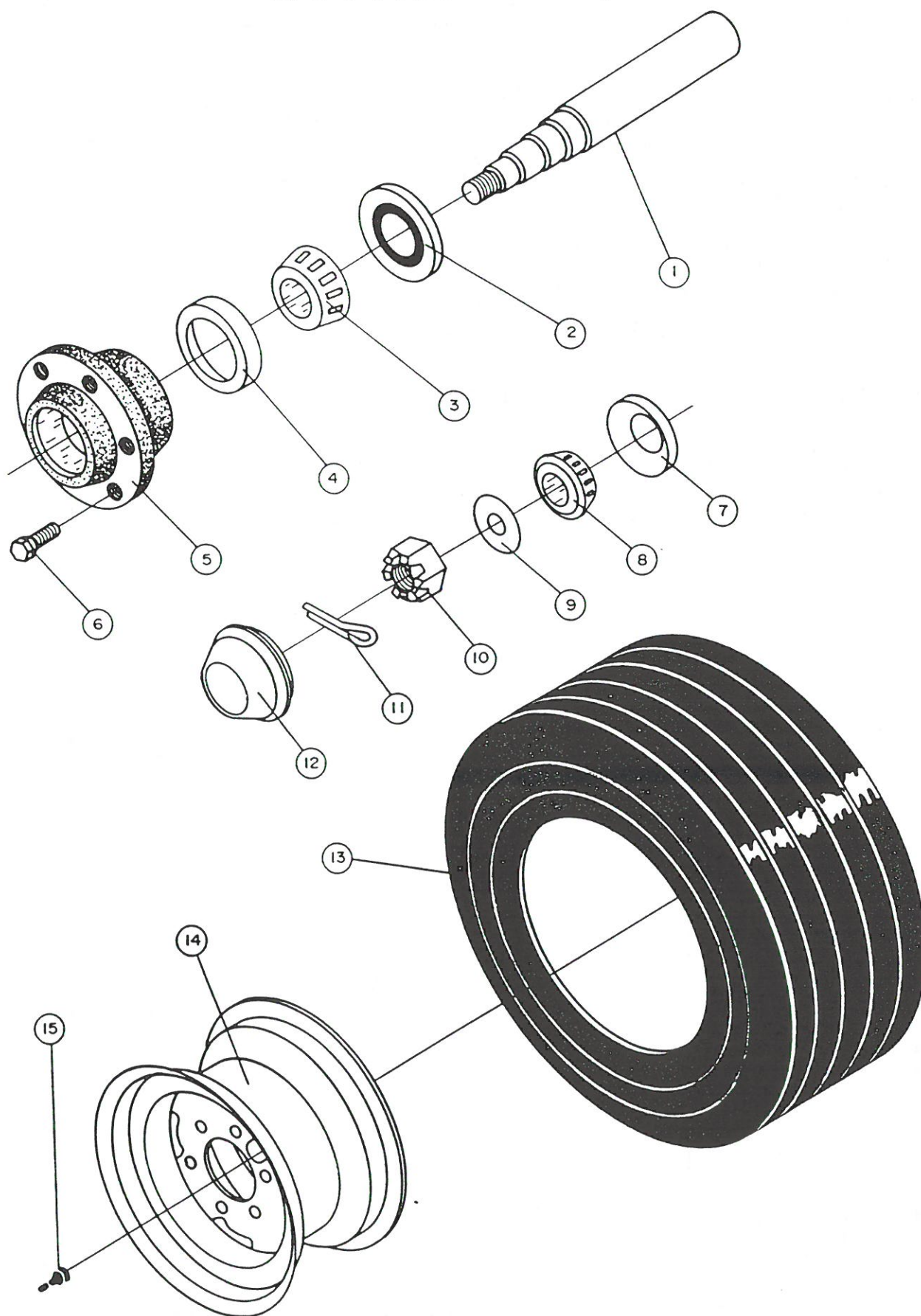
NOTE: LEFT AND RIGHT DETERMINED WHEN FACING REAR OF MACHINE.
DO NOT TIGHTEN BOLTS UNTIL ALL PARTS ARE IN PLACE.

- 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.



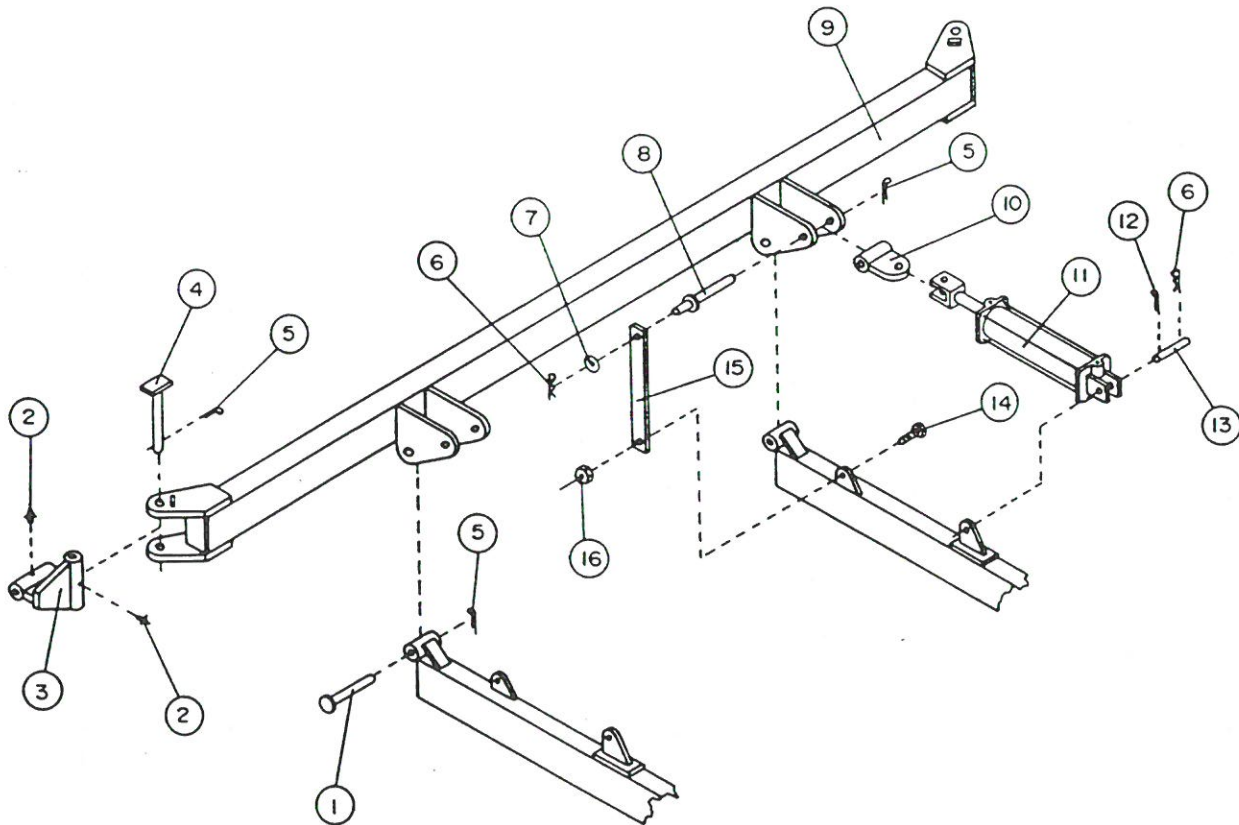
ITEM	PART NUMBER	DESCRIPTION	Nº
1	20010	20' Right A-Frame Hitch Tube	1
2	B5C0872P	Bolt 1/2" x 4 1/2"	4
3	20008	20' Frame Axle	1
4	20009	20' Left A-Frame Hitch Tube	1
5	B5C1028P	Bolt 5/8" x 1 3/4"	20
6	W10P	Lockwasher 5/8"	20
7	N5C10P	Nut 5/8"	20
8	20011	A-Frame Cross Member	1
9	20013	20' Right A-Frame 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	20125	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			

611 Hub and Spindle



Center Tube

- A. SECURE CENTRE TUBE #9 TO A-FRAME WITH PINS #1, (1 1/4" x 7 1/2")
- B. TIGHTEN ALL BOLTS ON HITCHES.
- C. SECURE CYLINDER SWIVEL BRACKET #10 TO CENTRE TUBE WITH PIN #8, (1" x 7").
- D. POSITION CYLINDERS #11,
ROD END TO SWIVEL BRACKET WITH PINS #13 (1" x 3 3/4")
* ON 15 FT. A-FRAME PORTS INWARDS
* ON 20 FT. 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.

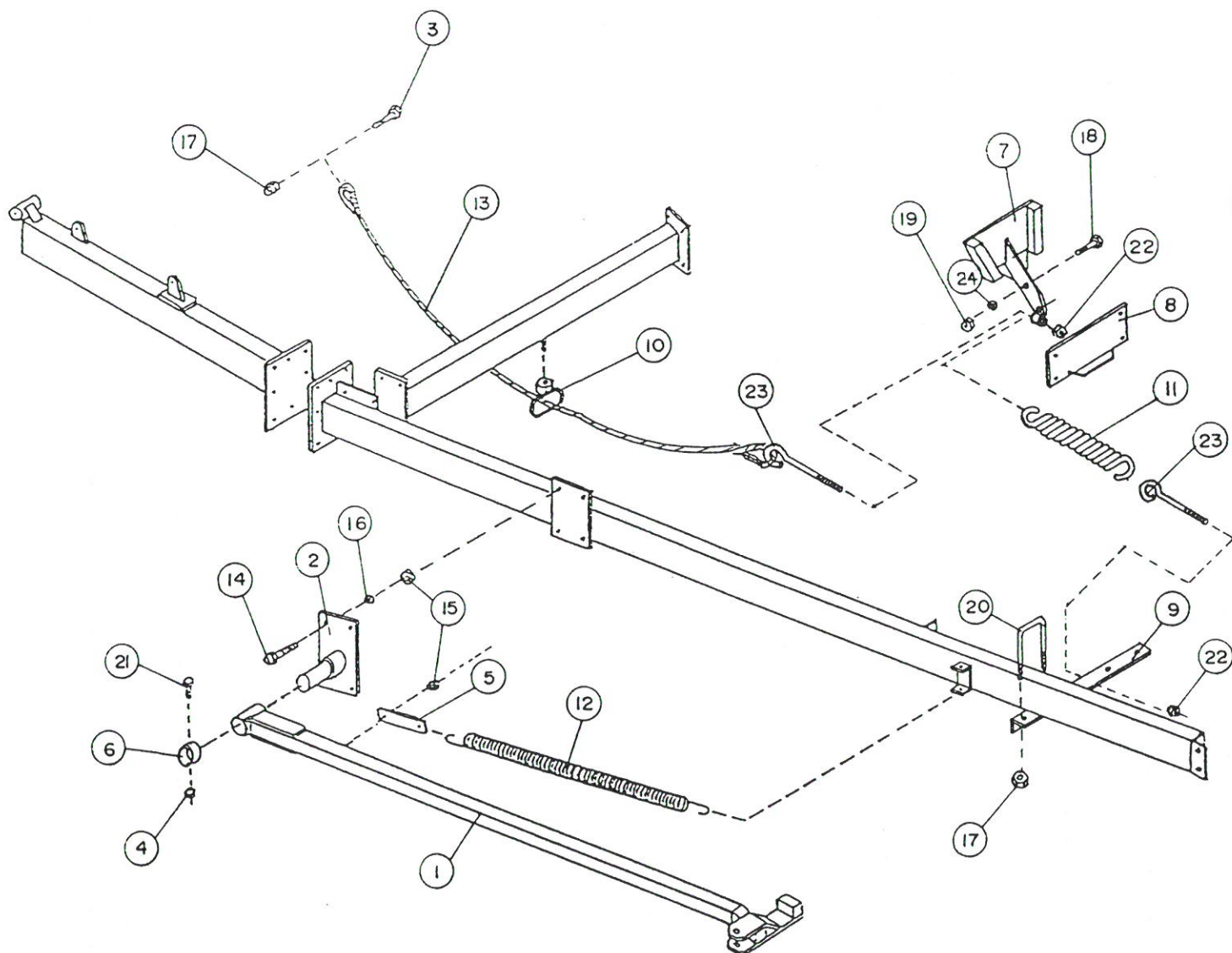


ITEM	PART NUMBER	DESCRIPTION	Nº
1	10015	Pin Hitch 1 1/4" x 7 1/2"	2
2	91700	Grease Nipple 1/8" Straight	4
3	30003	Right Knuckle	1
	30002	Left Knuckle	1
4	20020	Pin Knuckle 1 1/4" x 8 3/4"	2
5	CPO440	Cotter Pin 1/4" x 2 1/2"	6
6	HP52	Hair Pin Clip 3 1/4"	6
7	FW16P	Flatwasher 1"	2
8	20023	Pin Cylinder Lock 1" x 7"	2
9	20018	11 Ft. Centre	1
10	20084	Cylinder Swivel	2
11	90103	Cylinder 3 1/2' x 16"	2
12	CPO324	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" Grade 8	2
15	20024	Cylinder Lock	1
16	LN5C12P	Locknut 3/4"	2

Two Piece Auto Fold

NOTE: DO NOT TIGHTEN BOLTS UNTIL ALL PARTS ARE IN PLACE.

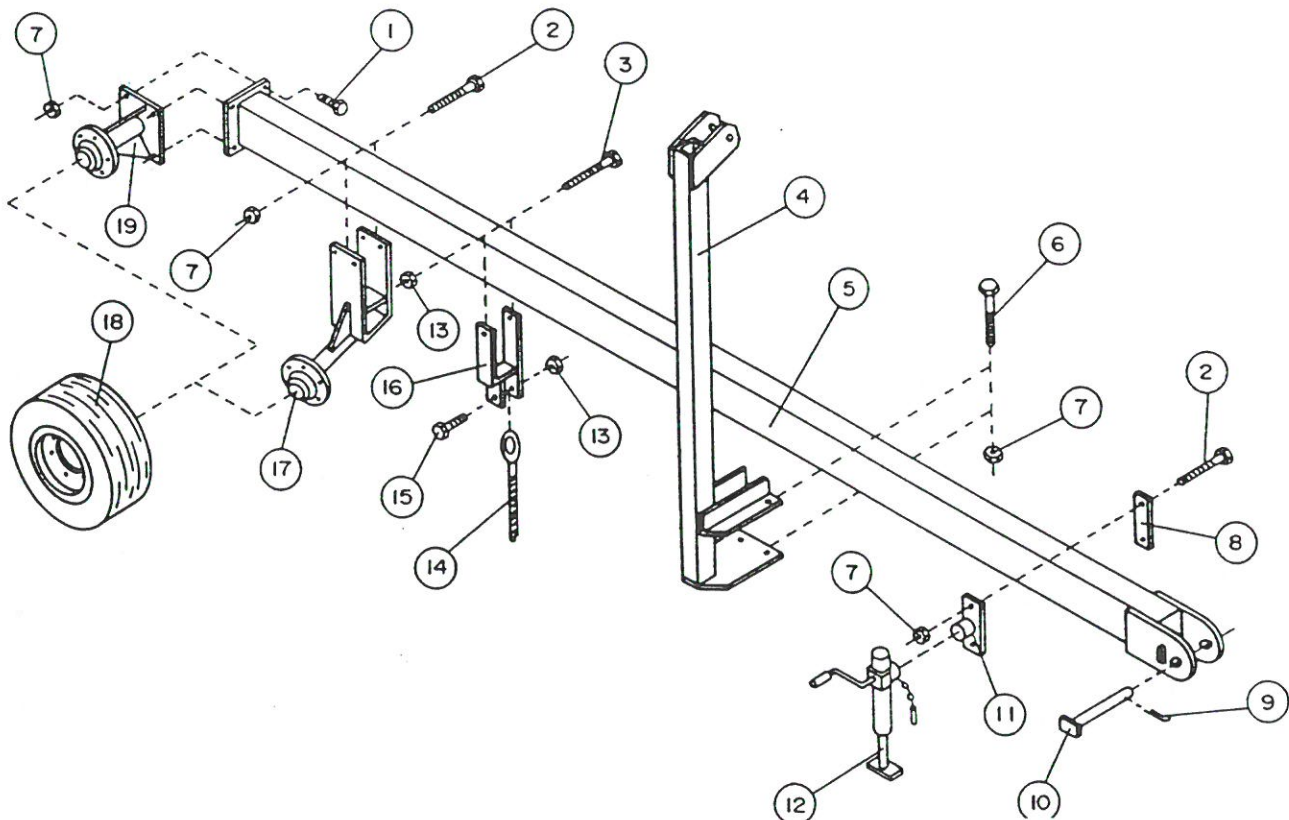
- A. BOLT AUTOFOLD A-FRAME BRACKET RIGHT #2, TO THE 15 FT. OR 20 FT. A-FRAME AS SHOWN. SLIP RIGHT ARM #1 ON COLLAR AND BOLT SHAFT COLLAR #6 WITH 1/4" x 2 1/4" BOLT. DO THE SAME FOR THE LEFT SIDE.
- B. LOOSELY BOLT AUTOFOLD CABLE BRACKET (#3,#4) TO CENTRE OF CENTRE TUBE WITH 1/2" x 9 1/2" BOLTS. TIGHTEN AFTER LIFT ARMS ARE IN PLACE.
- C. INSTALL CABLE #13 TO CABLE BRACKET AND LOCK ARM.
- D. BOLT FRONTLOCK #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 TO THE TENSION SPRING PLATE #9. ATTACH SPRING TO IT AND FRONT LOCK #7.



ITEM	PART NUMBER	DESCRIPTION	Nº
1	20124	Auto Fold Right Arm	1
	20123	Auto Fold Left Arm	1
2	20106	A-Frame Bracket Right	1
	20105	A-Frame Bracket Left	1
3	B5C0724P	Bolt 1/2" x 2"	1
4	LN5C04P	Locknut 1/4"	2
5	20108	Backing Plate	2
6	20110	Shaft Collar	2
7	20126	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 (15 ft. A-Frame)	1
	91829	15'9" Auto Fold Cable (20 ft. A-Frame)	1
14	B5C1028P	Bolt 5/8" x 1 3/4"	12
15	N5C10P	Nut 5/8"	8
16	W10P	Lockwasher 5/8"	8
17	LN5C08P	Locknut 1/2"	1
18	B5C1232P	Bolt 3/4" x 2"	1
19	N5C12P	Nut 3/4"	1
20	UB085112	U-Bolt 1/2" x 3 1/8" x 7"	2
21	B5C0428P	Bolt 1/4" x 1 3/4"	2
22	LN5C07P	Locknut 7/16"	1
23	EB0788P	Eye Bolt 7/16" x 5 1/2"	2
24	W12P	Lockwasher 3/4"	1

Wing Tube

- 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.



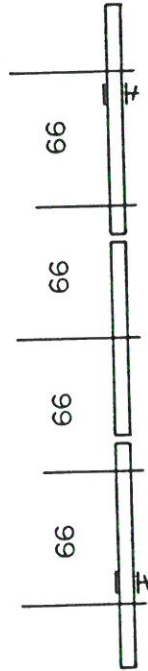
ITEM	PART NUMBER	DESCRIPTION	Nº
1	B5C0824P	Bolt 1/2" x 1 1/2"	8
2	B5C0896P	Bolt 1/2" x 6"	8
3	B5C12104P	Bolt 3/4" x 6 1/2"	2
4	30008	Short Lift Arm	*
	30009	Long Lift Arm	*
5	30004	8' Wing Tube for 27 1/2'	2
	30005	12' Wing Tube for 35'	2
	20026	13' Wing Tube for 38 1/2'	2
	30006	15' Wing Tube for 42'	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"	*
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	2
13	N5C12P	Nut 3/4"	4
14	91803	14' Cable	*
	91804	18' Cable	*
	91816	21' Cable	*
	91805	23' Cable	*
15	B5C1232P	Bolt 3/4" x 2"	2
16	20040	Cable Bracket	2
17	20039	Left Transport Wheel c/w 611 Hub	1
	20089	Right Transport Wheel c/w 611 Hub	1
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	*
19	20038	End Wheel c/w 611 Hub	2
*As Required			

- A. PLACE LONG LIFT ARM IN CENTRE OF CENTRE TUBE AND BOLT WITH 1/2" x 7 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

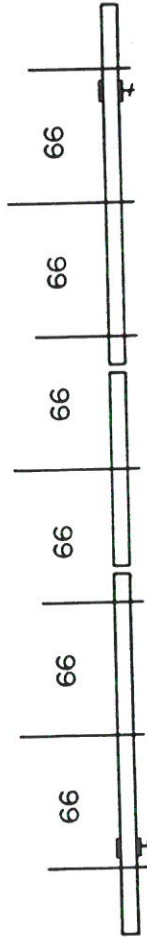
27FT. 6" 5 @ 5Ft. 6"
14 FT. CABLE FOR 15 FT. A-FRAME

8FT. Wing Tube
6 FT. 1" SUPPORT ANGLE



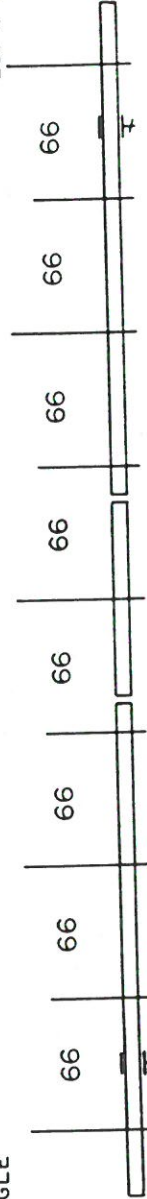
38FT. 6" 7 @ 5Ft. 6"
18FT. CABLE FOR 15 FT. A-FRAME
21FT. CABLE FOR 20FT. A-FRAME

13FT. Wing Tube
11 FT. 7" SUPPORT ANGLE



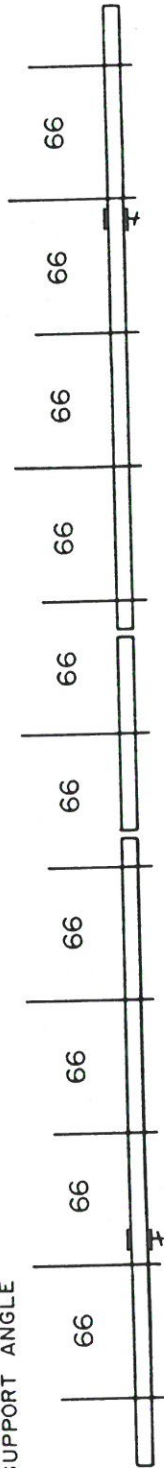
49FT. 6" 9 @ 5Ft. 6"
18FT. CABLE FOR 15 FT. A-FRAME
23FT. CABLE FOR 20FT. A-FRAME

19FT. 6" Wing Tube
17 FT. 1" SUPPORT ANGLE



60FT. 6" 11 @ 5Ft. 6"
23FT. CABLE FOR 20FT. A-FRAME

24FT. 6" Wing Tube
22 FT. 7" SUPPORT ANGLE

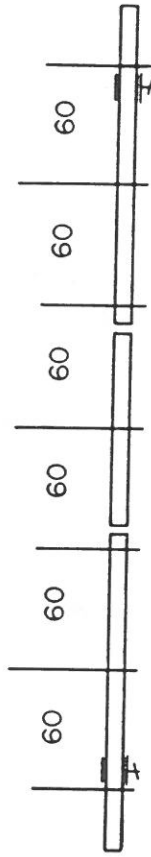


OPTIONAL PACKER SPACING



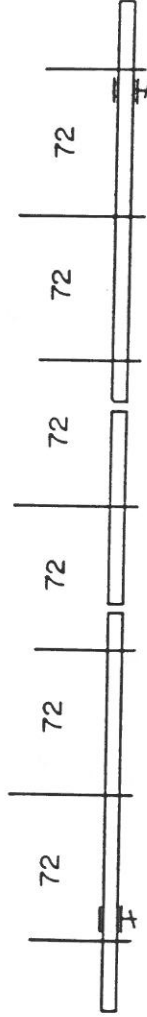
OPTIONAL SIZES

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



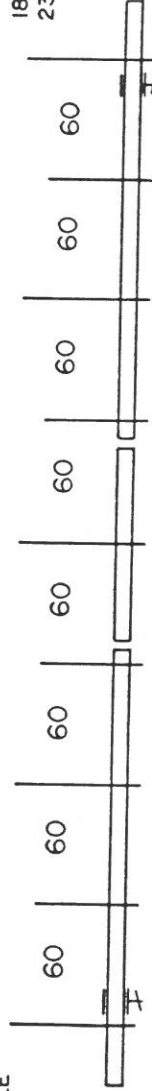
12 FT. Wing Tube
10 FT. 7" SUPPORT ANGLE

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



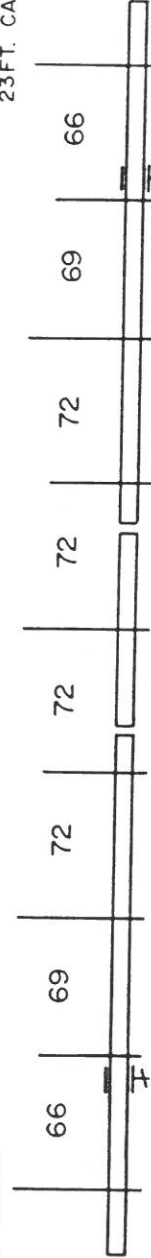
15 FT. Wing Tube
12 FT. 7" SUPPORT ANGLE

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



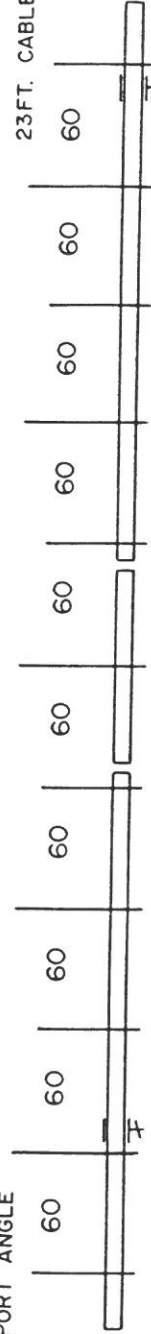
17 FT. Wing Tube
15 FT. 7" SUPPORT ANGLE

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

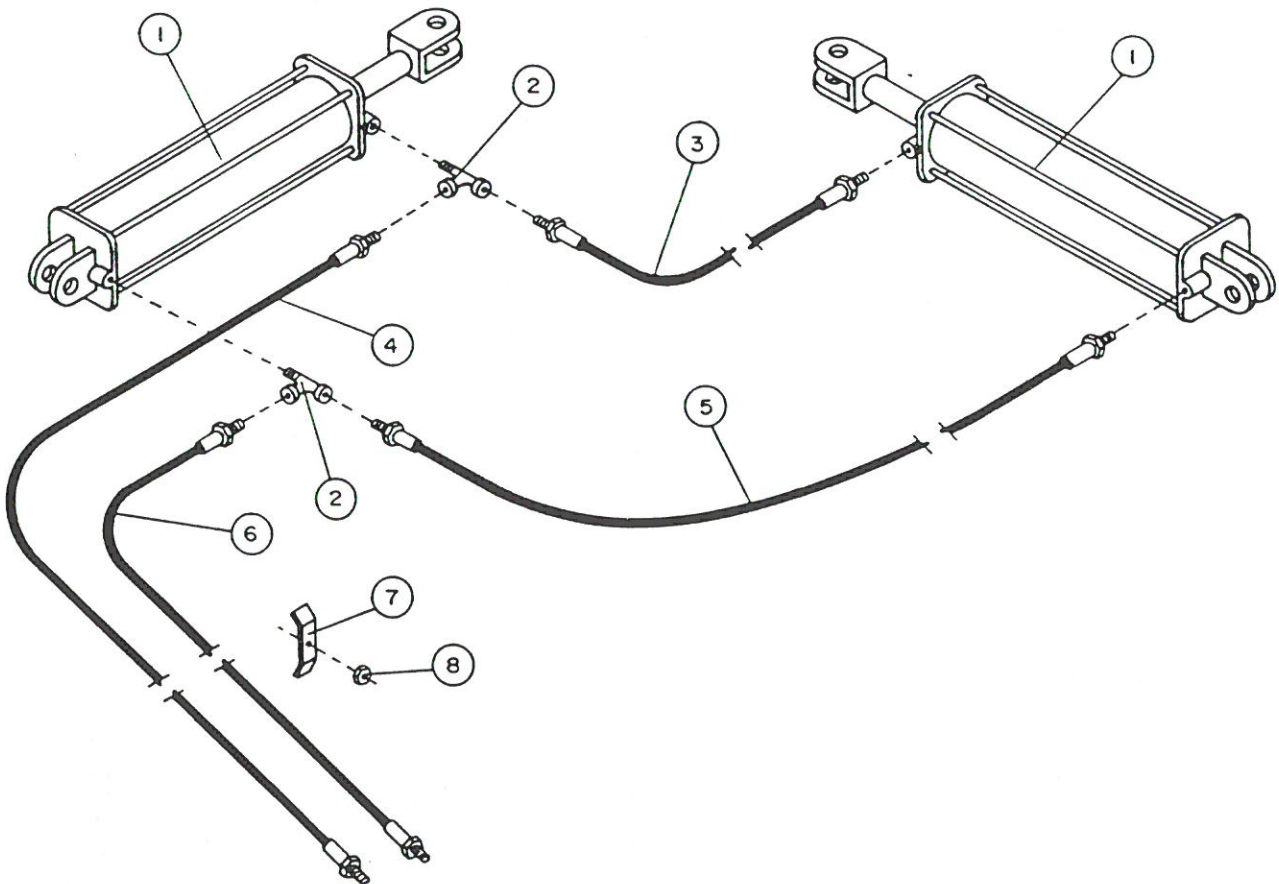
55 FT. 11 @ 5 Ft.
23 FT. CABLE FOR 20 FT. A-FRAME



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

15 ft. A-Frame Hydraulic

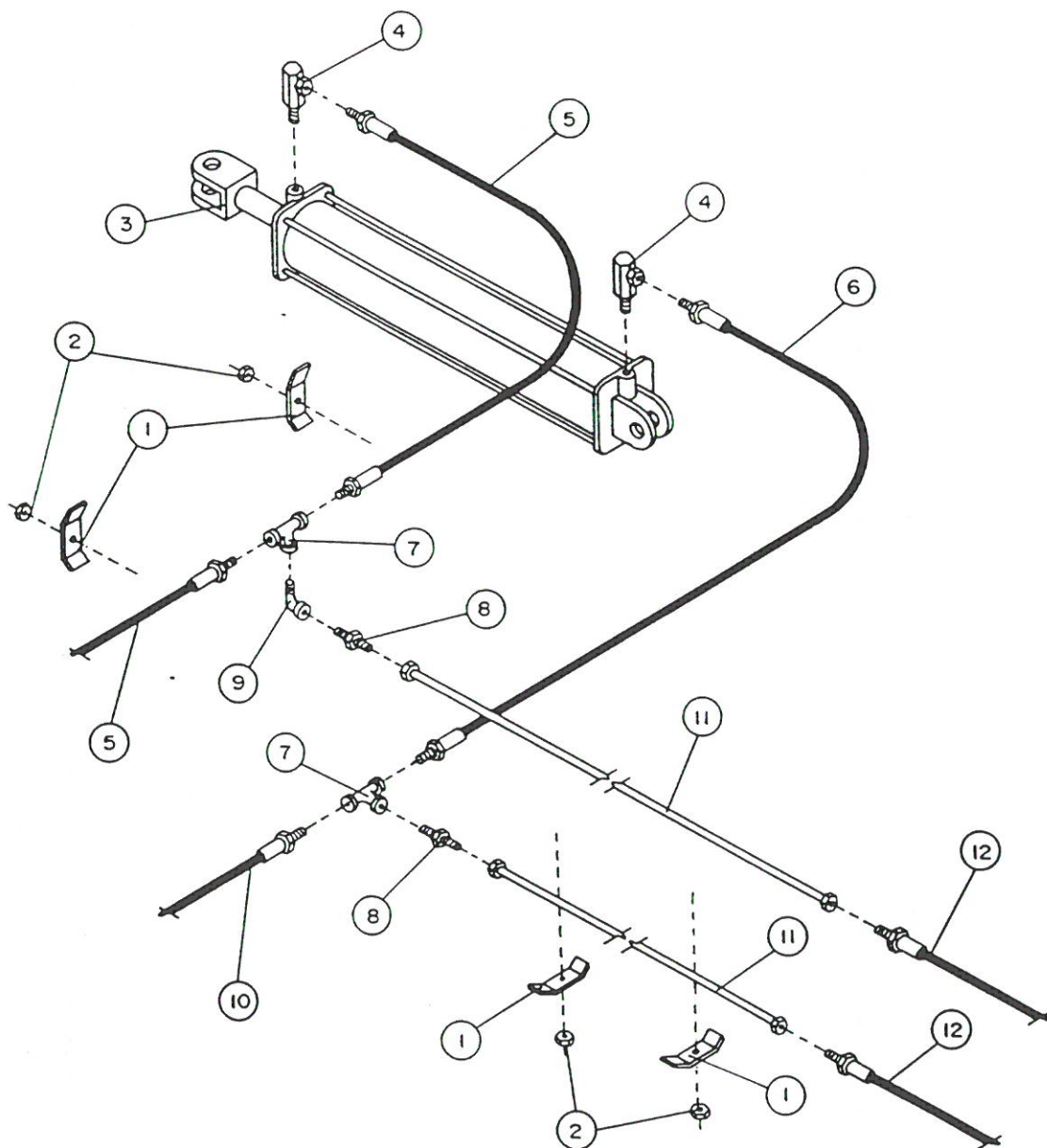
- A. INSTALL CYLINDERS #1, PORT HOLES INWARD, ROD END TO SWIVEL BRACKETS.
- B. INSTALL STREET TEES #2 ON RIGHT HAND CYLINDER ONLY.
- C. INSTALL HOSES AS SHOWN BELOW, CHECKING PARTS LIST FOR RIGHT LENGTHS OF HOSES.
- D. SECURE HOSES TO A-FRAME HITCH WITH HOSE CLAMPS AND BY PASSING HOSES THRU HOLES PROVIDED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



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

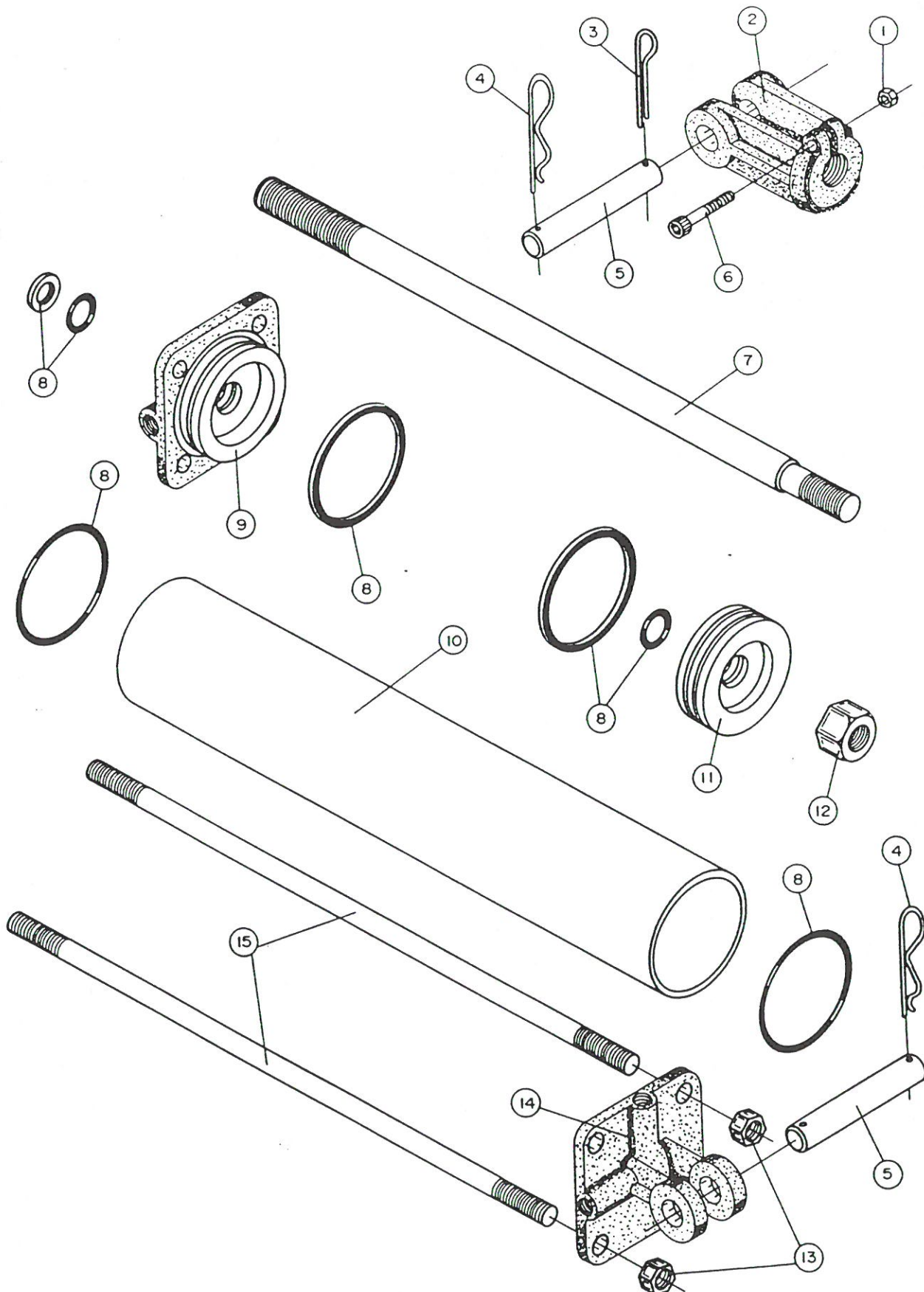
20 ft. A-Frame Hydraulic

- A. INSTALL CYLINDERS #3, PORT HOLES UPWARD, ROD END TO SWIVEL BRACKETS.
- B. INSTALL 90° SWIVEL ELBOWS #4 ON CYLINDER.
- C. INSTALL STREET ELBOWS #9, TEES #7, UNIONS #8 TO 1/2" HYDRAULIC LINES #11. THEN INSTALL HYDRAULIC LINES TO UNDERSIDE OF A-FRAME, SECURING WITH HOSE CLAMPS AND PASSING LINES THRU CROSS PLATES
- D. INSTALL HOSES AS SHOWN BELOW CHECKING PARTS LIST FOR RIGHT LENGTHS.



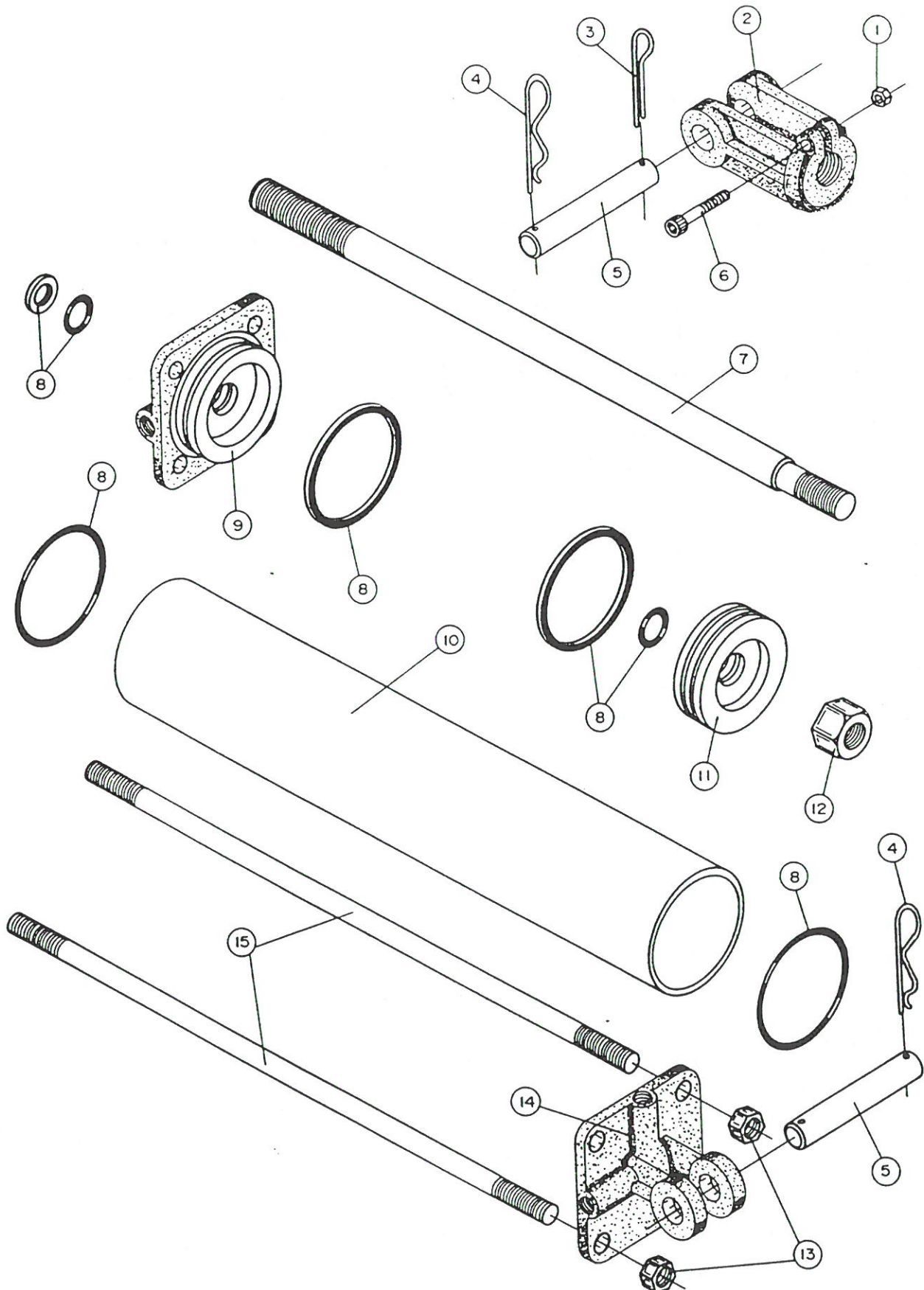
ITEM	PART NUMBER	DESCRIPTION	Nº
1	10034	Hose Clamp	4
2	LN5C07P	Locknut 7/16"	4
3	90103	Cylinder 3 1/2" x 16"	2
4	90501	1/2" 90° Swivel Elbow	4
5	90217	1/2" Hose 1/2" MB x 1/2" MB x 80"	2
6	90216	1/2" Hose 1/2" MB x 1/2" MB x 60"	1
7	90600	1/2" Street Tee F-F-F	2
8	90550	1/2" Flare Adaptor	2
9	90502	1/2"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

3 1/2" x 16" Cylinder



ITEM	PART NUMBER	DESCRIPTION	Nº
1	N5C06P	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"	*

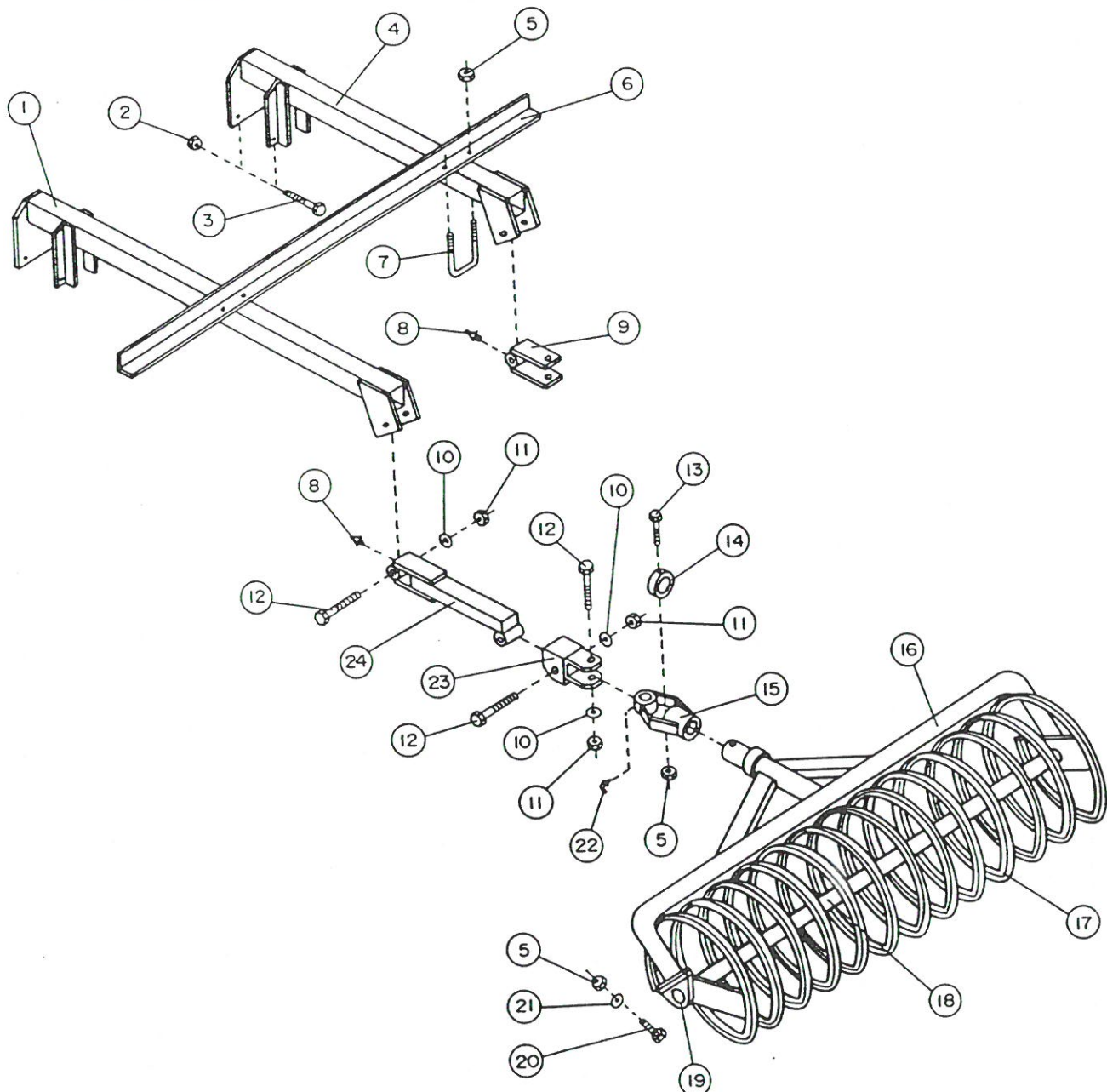
4" x 16" Cylinder (optional)



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

OPERATION'S INSTRUCTIONS

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



PART #	PAGE	ITEM	DESCRIPTION
10015	7	1	Pin Hitch
10022	1	10	Bolt on Hitch
10022	3	17	Bolt on Hitch
10034	15	7	Hose Clamp
10034	17	1	Hose Clamp
10039	23	17	LH Coil 1 1/2" 5 1/2'
10040	23	17	LH Coil 1 3/4" 5 1/2'
10041	23	17	RH Coil 1 1/2" 5 1/2'
10042	23	17	RH Coil 1 3/4" 5 1/2'
10043	23	15	Packer Swivel Hitch
10044	23	14	Packer Collar
10062	23	23	Packer Knuckle
10067	23	16	Packer Overbrace 5 1/2'
10140	23	18	5 1/2' Packer Shaft
20105	9	2	A-Frame Bracket Left
20106	9	2	A-Frame Bracket Right
20108	9	5	Backing Plate
20110	9	6	Shaft Collar
20113	9	9	Front Plate
20114	9	10	Cable Bracket
20123	9	1	Auto Fold Left Arm
20124	9	1	Auto Fold Right Arm
20125	1	5	Cross Plate
20125	3	19	Cross Plate
20125	9	8	Cross Plate
20126	9	7	Front Lock
20001	1	2	15' Frame Axle
20002	1	3	15' LT AFrame Hitch
20003	1	12	15' RT AFrame Hitch
20008	3	3	20' Frame Axle
20009	3	4	20' LT Hitch Tube
20010	3	1	20' RT Hitch Tube
20011	3	8	A Frame Cross Member
20012	3	12	20' LT AFrame Hitch
20013	3	9	20' RT AFrame Hitch
20014	3	10	AFrame Cross Angle
20018	7	9	11' Centre Tube
20020	7	4	Pin Knuckle 1 1/4"x8 3/4"
20023	7	8	Pin Cylinder Lock
20024	7	15	Cylinder Lock
20026	11	5	13' Wing Tube
20028	11	5	19'6" Wing Tube
20029	11	5	20' Wing Tube
20030	11	5	21'2" Wing Tube
20032	11	5	24'6" Wing Tube
20038	11	19	End Wheel
20039	11	17	LT Transport Wheel
20040	11	16	Cable Bracket
20045	11	8	Backing Plate
20046	11	11	Jack Plate c/w Stub
20051	11	10	Pin Knuckle 1 1/4"x7 1/4"
20084	7	10	Cylinder Swivel
20089	11	17	RT Transport Wheel
30002	7	3	Left Knuckle
30003	7	3	Right Knuckle
30004	11	5	8' Wing Tube
30005	11	5	12' Wing Tube
30006	11	5	15' Wing Tube
30007	11	5	17' Wing Tube
30008	11	4	Short Lift Arm
30008	23	4	Short Lift Arm
30009	11	4	Long Lift Arm
30009	23	1	Long Lift Arm
30010	23	9	Short Packer Hitch
30011	23	24	Long Packer Hitch
30012	23	6	6'1" Lift Arm Angle
30013	23	6	10'7" Lift Arm Angle
30014	23	6	11'7" Lift Arm Angle
30015	23	6	12'7" Lift Arm Angle
30016	23	6	15'7" Lift Arm Angle
30017	23	6	17'1" Lift Arm Angle
30018	23	6	17'10" Lift Arm Angle
30019	23	6	20'7" Lift Arm Angle
30020	23	6	22'7" Lift Arm Angle
30021	23	16	Packer Overbrace 5'
30022	23	16	Packer Overbrace 6'

PART #	PAGE	ITEM	DESCRIPTION
30023	23	17	LH Coil 1 1/2" 5'
30024	23	17	RH Coil 1 1/2" 5'
30025	23	17	LH Coil 1 3/4" 5'
30026	23	17	RH Coil 1 3/4" 5'
30027	23	17	LH Coil 1 1/2" 6'
30028	23	17	RH Coil 1 1/2" 6'
30029	23	17	LH Coil 1 3/4" 6'
30030	23	17	RH Coil 1 3/4" 6'
30031	23	18	5' Packer Shaft
30032	23	18	6' Packer Shaft
90103	7	11	Cylinder 3 1/2" x 16"
90103	15	1	Cylinder 3 1/2" x 16"
90103	17	3	Cylinder 3 1/2" x 16"
90103	19	*	Cylinder 3 1/2" x 16"
90105	7	11	Cylinder 4" x 16"
90105	15	1	Cylinder 4" x 16"
90105	17	3	Cylinder 4" x 16"
90105	21	*	Cylinder 4" x 16"
90202	17	12	1/2" Hose x 84"
90205	15	5	1/2" Hose x 51"
90206	15	3	1/2" Hose x 60"
90207	15	7	1/2" Hose x 184"
90208	15	4	1/2" Hose x 204"
90216	17	6	1/2" Hose x 60"
90217	17	5	1/2" Hose x 80"
90219	17	10	1/2" Hose x 58"
90400	17	11	Hydraulic Line 1/2" x 132"
90500	17	4	90° Swivel Elbow (Restrictor)
90501	17	5	90° Swivel Elbow
90502	17	9	90° Swivel Elbow
90550	17	8	Flare Adaptor
90551	15	4	Restrictor
90600	17	7	Tee Street F-F-F
90601	15	2	Tee Street M-F-F
90620	19	2	3 1/2" Cylinder Clevis
90620	21	2	4" Cylinder Clevis
90640	19	7	Cylinder Shaft 3 1/2" x 16"
90640	21	7	Cylinder Shaft 4" x 16"
90660	19	9	3 1/2" Cyl. Rod End Cap
90665	21	9	4" Cyl. Rod End Cap
90680	19	8	3 1/2" Cyl. Seal Kit
90682	21	8	4" Cyl. Seal Kit
90700	19	11	3 1/2" Cyl. Piston
90704	21	11	4" Cyl. Piston
90720	19	12	Piston Nut 3 1/2"
90720	21	12	Piston Nut 4"
90740	19	10	3 1/2"x16" Cyl. tube
90745	21	10	4" x16" Cyl. Tube
90760	19	14	3 1/2" Cyl. End Cap
90762	21	14	4" Cyl. End Cap
90780	19	15	3 1/2"x16" Cyl. Tie Rod
90780	21	15	4" x16" Cyl. Tie Rod
90800	19	13	Tie Rod Nut 1/2"
90800	21	13	Tie Rod Nut 1/2"
91000	5	13	9.5L x 6 ply Tire
91001	5	13	11L x 6 ply Tire
91025	1	13	9.5L x 6 c/w 6" Rim
91025	3	20	9.5L x 6 c/w 6" Rim
91025	11	18	9.5L x 6 c/w 6" Rim
91026	1	13	9.5L x 6 c/w 8" Rim
91026	3	20	9.5L x 6 c/w 8" Rim
91026	11	18	9.5L x 6 c/w 8" Rim
91027	1	13	11L x 6 c/w 8" Rim
91027	3	20	11L x 6 c/w 8" Rim
91027	11	18	11L x 6 c/w 8" Rim
91050	5	14	15"x8"x6" Wheel Rim
91051	5	14	15"x6"x6" Wheel Rim
91060	5	6	Wheel Bolt 1/2"
91070	5	5	611 Hub
91090	5	2	611 Seal
91110	5	8	611 Outer Cone
91130	5	7	611 Outer Race
91150	5	4	611 Inner Race
91170	5	3	611 Inner Cone
91190	5	9	611 1" Washer
91210	5	10	611 1" Castrelated Nut

PART #	PAGE	ITEM	DESCRIPTION
1250	5	1	611 Spindle 2"x10"
1252	5	1	611 Spindle 2"x14"
1400	9	12	Auto Fold Springs
1405	9	11	Auto Fold Tension Spring
1603	7	13	Pin Cylinder
1603	19	5	Pin cylinder
1603	21	5	Pin cylinder
1700	7	2	Grease Nipple 1/8" str
1700	23	8	Grease Nipple 1/8" str
1701	23	22	Grease Nipple 1/8" 90°
1803	11	14	14' Cable
1804	11	14	18' Cable
1805	11	14	23' Cable
1816	11	14	21' Cable
1828	9	13	10'6" Auto Fold Cable
1829	9	13	15'9" Auto Fold Cable
92000	23	19	Pillow Block
92003	1	6	Serial Number Plate
92003	3	11	Serial Number Plate
92005	5	15	Valve Stem
92016	19	6	AllanHead Bolt 3/8"x2"
92016	21	6	AllanHead Bolt 3/8"x2"
92022	11	12	Swivel Stabilizer Jack
B5C0428P	9	21	Bolt 1/4" x 1 3/4"
B5C0728P	23	20	Bolt 7/16" x 1 3/4"
B5C0756P	23	13	Bolt 7/16" x 3 1/2"
B5C0824P	1	4	Bolt 1/2" x 1 1/2"
B5C0824P	3	13	Bolt 1/2" x 1 1/2"
B5C0824P	11	1	Bolt 1/2" x 1 1/2"
B5C0824P	9	3	Bolt 1/2" x 1 3/4"
B5C0832P	3	2	Bolt 1/2" x 4 1/2"
B5C0872P	11	2	Bolt 1/2" x 6"
B5C0896P	11	6	Bolt 1/2" x 7 1/2"
B5C08120P	23	3	Bolt 1/2" x 7 1/2"
B5C08120P	3	5	Bolt 5/8" x 1 3/4"
B5C1028P	9	14	Bolt 5/8" x 1 3/4"
B5C1032P	1	1	Bolt 5/8" x 2"
B5C1232P	9	15	Bolt 3/4" x 2"
B5C1232P	11	15	Bolt 3/4" x 2"
B5C1272P	23	12	Bolt 3/4" x 4 1/2"
B5C12104P	11	3	Bolt 3/4" x 6 1/2"
B5C16120P	1	11	Bolt 1" x 7 1/2"
B5C16120P	3	18	Bolt 1" x 7 1/2"
CPO324	5	11	Cotter Pin 3/16" x 1 1/2"
CPO324	19	3	Cotter Pin 3/16" x 1 1/2"
CPO324	21	3	Cotter Pin 3/16" x 1 1/2"
CPO440	7	5	Cotter Pin 1/4" x 2 1/2"
CPO440	11	9	Cotter Pin 1/4" x 2 1/2"
EB0788P	9	23	Eye Bolt 7/16" x 5 1/2"
FW07P	23	21	Flatwasher 7/16"
FW16P	7	7	Flatwasher 1"
HP52	9	2	Hairpin Clip 3 1/4"
HP52	19	4	Hairpin Clip 3 1/4"
HP52	21	4	Hairpin Clip 3 1/4"
LN5C04P	9	4	Locknut 7/16"
LN5C06P	19	1	Locknut 3/8"
LN5C06P	21	1	Locknut 3/8"
LN5C07P	15	8	Locknut 7/16"
LN5C07P	17	2	Locknut 7/16"
LN5C07P	23	5	Locknut 7/16"
LN5C07P	9	22	Locknut 7/16"
LN5C08P	1	7	Locknut 1/2"
LN5C08P	3	14	Locknut 1/2"
LN5C08P	9	17	Locknut 1/2"
LN5C08P	11	7	Locknut 1/2"
LN5C08P	23	2	Locknut 1/2"
LN5C12P	7	16	Locknut 3/4"
N5C10P	1	14	Nut 5/8"
N5C10P	3	7	Nut 5/8"
N5C10P	9	15	Nut 5/8"
N5C12P	9	19	Nut 3/4"
N5C12P	11	13	Nut 3/4"
N5C12P	23	11	Nut 3/4"
N5C16P	1	8	Nut 1"
N5C16P	3	15	Nut 1"

PART #	PAGE	ITEM	DESCRIPTION
UB075060	23	7	U Bolt 7/16" x 3 1/8" x 3 3/4"
UB085112	9	20	U Bolt 1/2" x 3 1/8" x 7"
W10P	1	15	Lockwasher 5/8"
W10P	3	6	Lockwasher 5/8"
W10P	9	16	Lockwasher 5/8"
W12P	9	24	Lockwasher 3/4"
W12P	23	10	Lockwasher 3/4"
W16P	1	9	Lockwasher 1"
W16P	3	16	Lockwasher 1"