

HIGHLINE MFG.
INC.

PRE '97

MODEL 700

Assembly-Operator Parts Manual

MADE IN CANADA

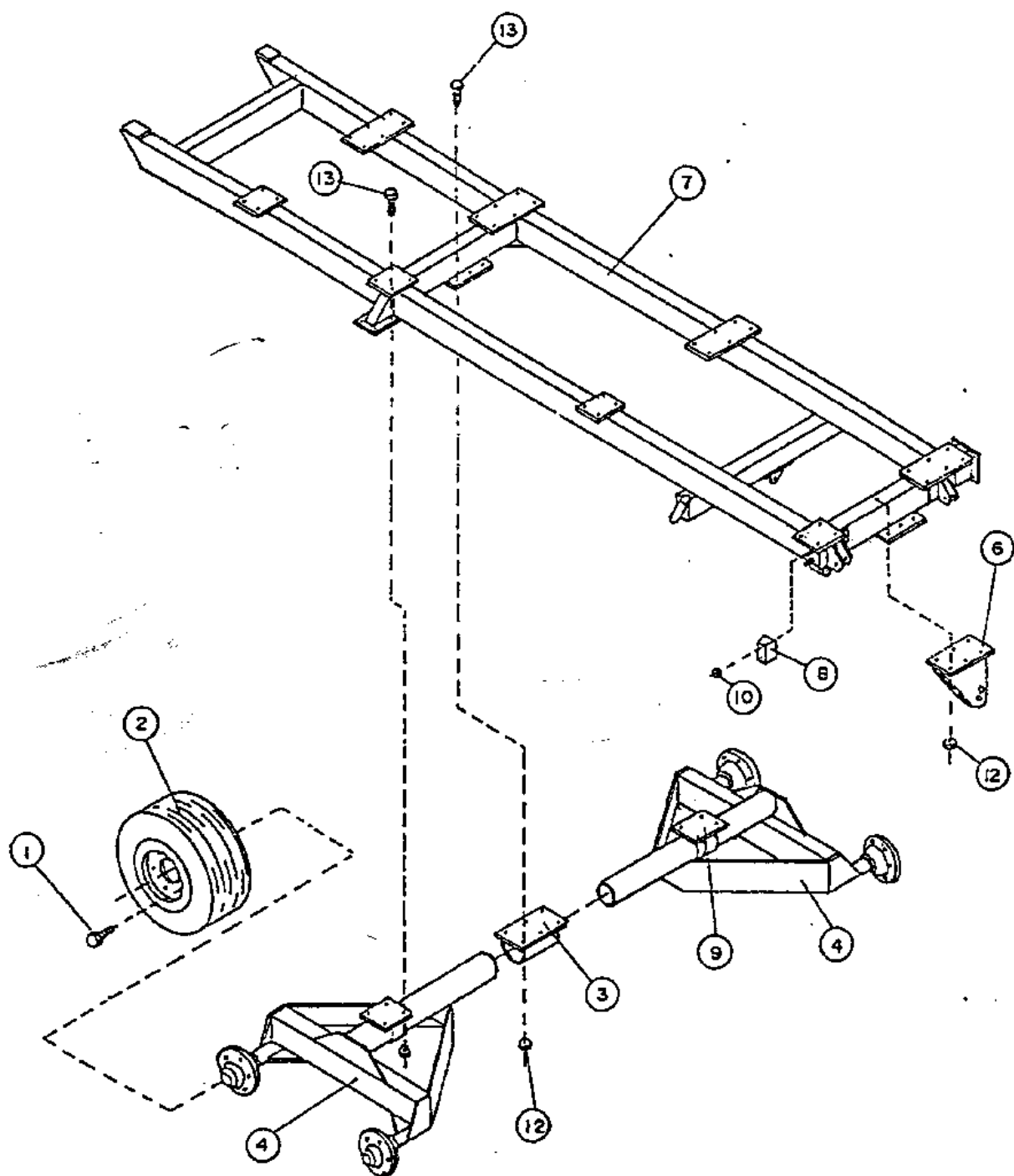
PARTS CATALOGUE

MAIN SUB-FRAME	21
A-FRAME HITCH AND RAIL ASSEMBLY	23
CHAIN TIGHTENER	25
FORK ASSEMBLY	27
SUPPORT ARM ASSEMBLY	29
HYDRAULIC MOTORS	31
HYDRAULIC ASSEMBLY	33
611 HUB & SPINDLE	35
211 HUB & SPINDLE	37
3 1/2" x 13" CYLINDER	39
3" x 8" CYLINDER	41
3" x 10" CYLINDER	43
ELECTRICAL SYSTEM	45

NOTE: 5 BALE MOVER PARTS ARE THE SAME AS A 7 BALE MOVER WITH
THE EXCEPTION OF THE FOLLOWING LIST:

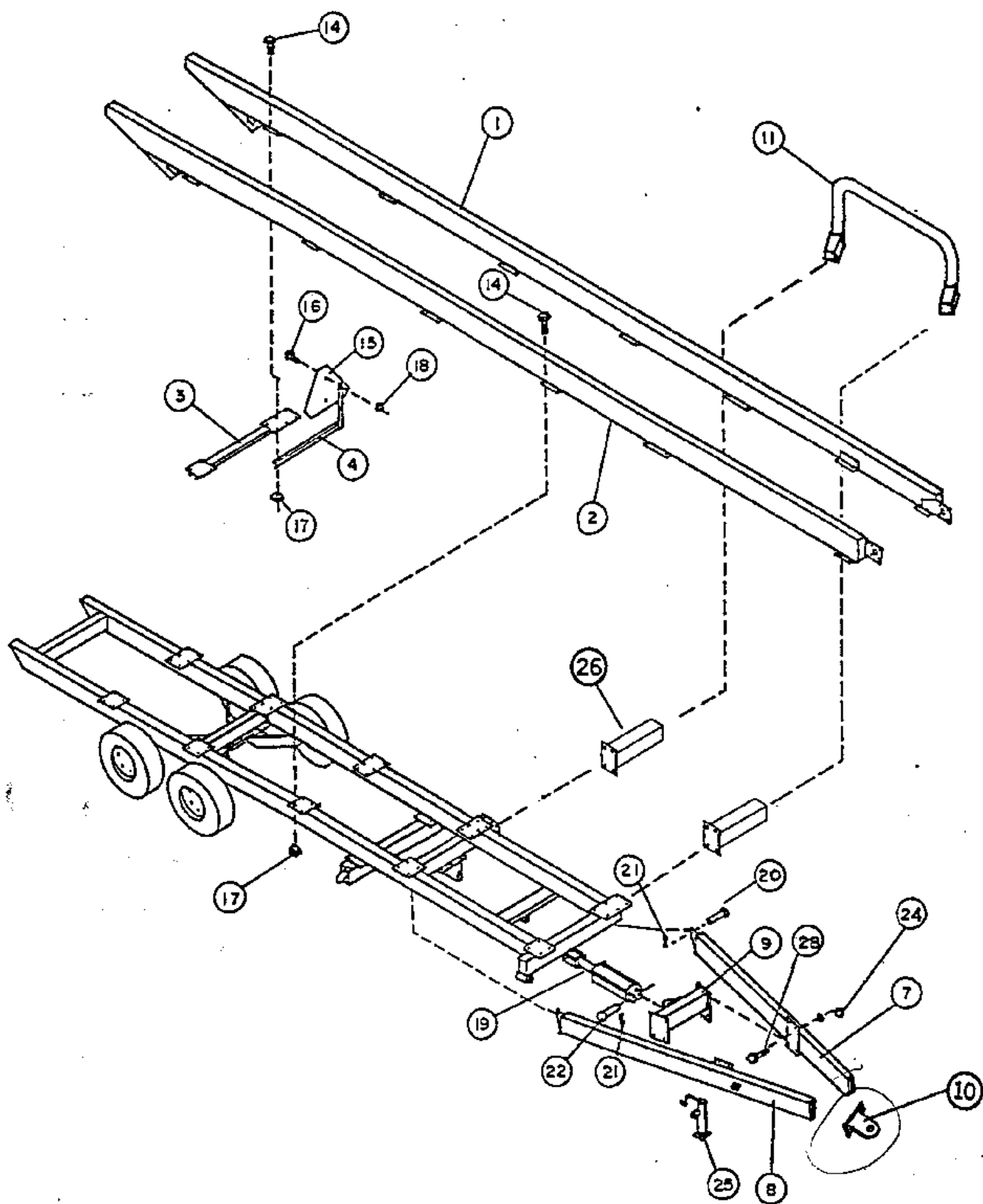
- 91514 5 BALE MOVER 25' CHAIN
- 45063 5 BALE MOVER LEFT RAIL
- 45064 5 BALE MOVER RIGHT RAIL

Main Sub Frame



ITEM	PART NUMBER	DESCRIPTION	QTY
1	91060	Wheel Bolt 1/2"	24
2	91008	11-15lt 8ply Farm Hiway service tire	4
3	45006	Centre Pocket	1
4	45004	Walking Beam	2
5	45002	Stabelizer Mount	1
6	45033	Cylinder Bracket	1
7	45128	Main Sub Frame	1
8	92061	Rubber Bumper	1
9	45007	Side Pockets	2
10	LNC08P	Locknut 1/2"	10
11	B5C0824P	1/2 X 1 1/2" bolt	8
12	LN5C10P	Locknut 5/8"	20
13	B5C1024P	Bolt 5/8" x 1 1/2"	20

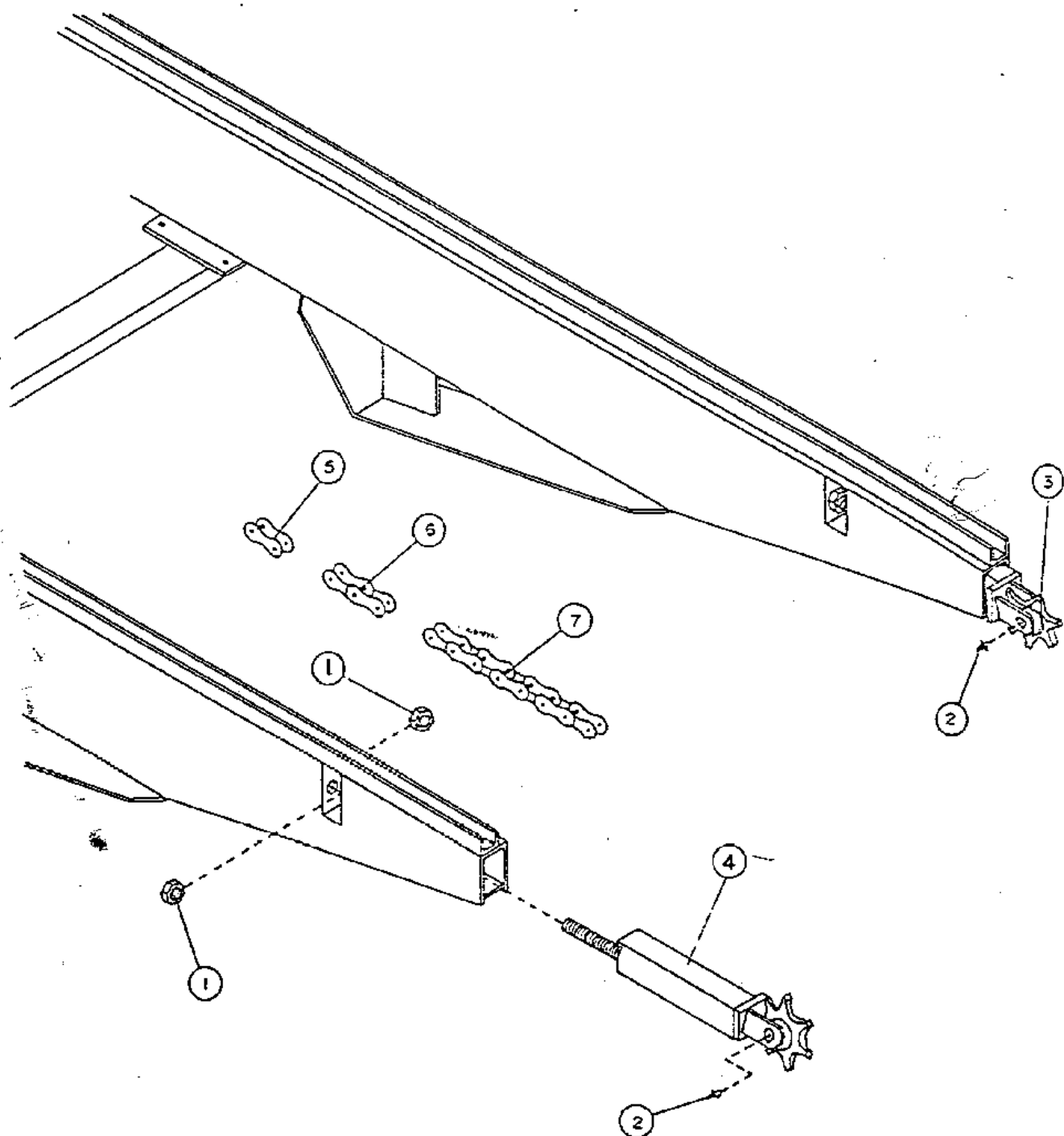
A-Frame Hitch and Rail Assembly



single or Double Hitch

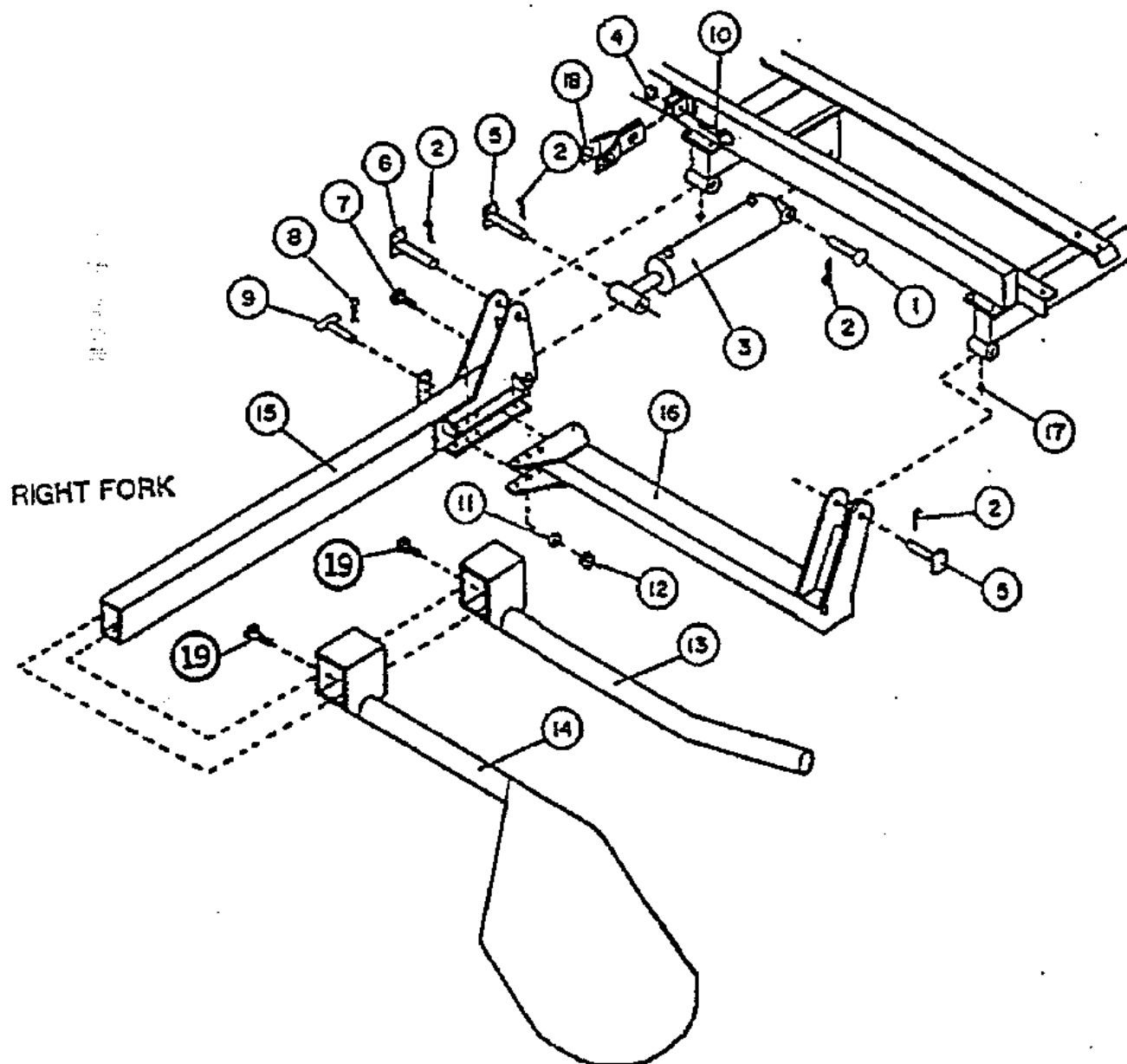
ITEM	PART NUMBER	DESCRIPTION	QTY
1	45051	Left Outside Rail	1
2	45052	Right Outside Rail	1
3	45008	Rear Cross Member	1
4	45022	SLOW MOVING SIGN	1
7	45011	Left A-Frame Tube	1
8	45010	Right A-Frame Tube	1
9	45012	A-Frame Cross Member	1
10	45058	HITCH TONGUE * 45060 Double Hitch Tongue	1
11	45016-A	Bale Stop	1
13	W10P		6
14	B5C0824P	BOLT 1/2 X 1 1/2"	88
15	92040	Slow Moving Sign	1
16	B5C0412P	Bolt 1/4" x 3/4"	2
17	LNC08P	Locknut 1/2"	88
18	LN5C04P	Locknut 1/4"	2
19	90712	Cylinder 3" x 10"	1
20	40003	A-Frame Pin 1 1/4" x 3"	2
21	CPO440	Cotter Pin 1/4" x 2 1/2"	4
22	91603	Pin Cylinder	2
24	LN5C08P	Locknut 1/2"	1
25	92033	Hitch Jack	9
26	45059	Bale Stop Mounting Arm	1
27	LNC16P	1" Locknut	1
28	B5C0824P	Bolt 1/2" x 1 1/2"	2
29	B5C16120P	1 x 7 1/2" UNC BOLT	1
10	45060	Double Hitch Tongue (optional)	

Chain Tightener



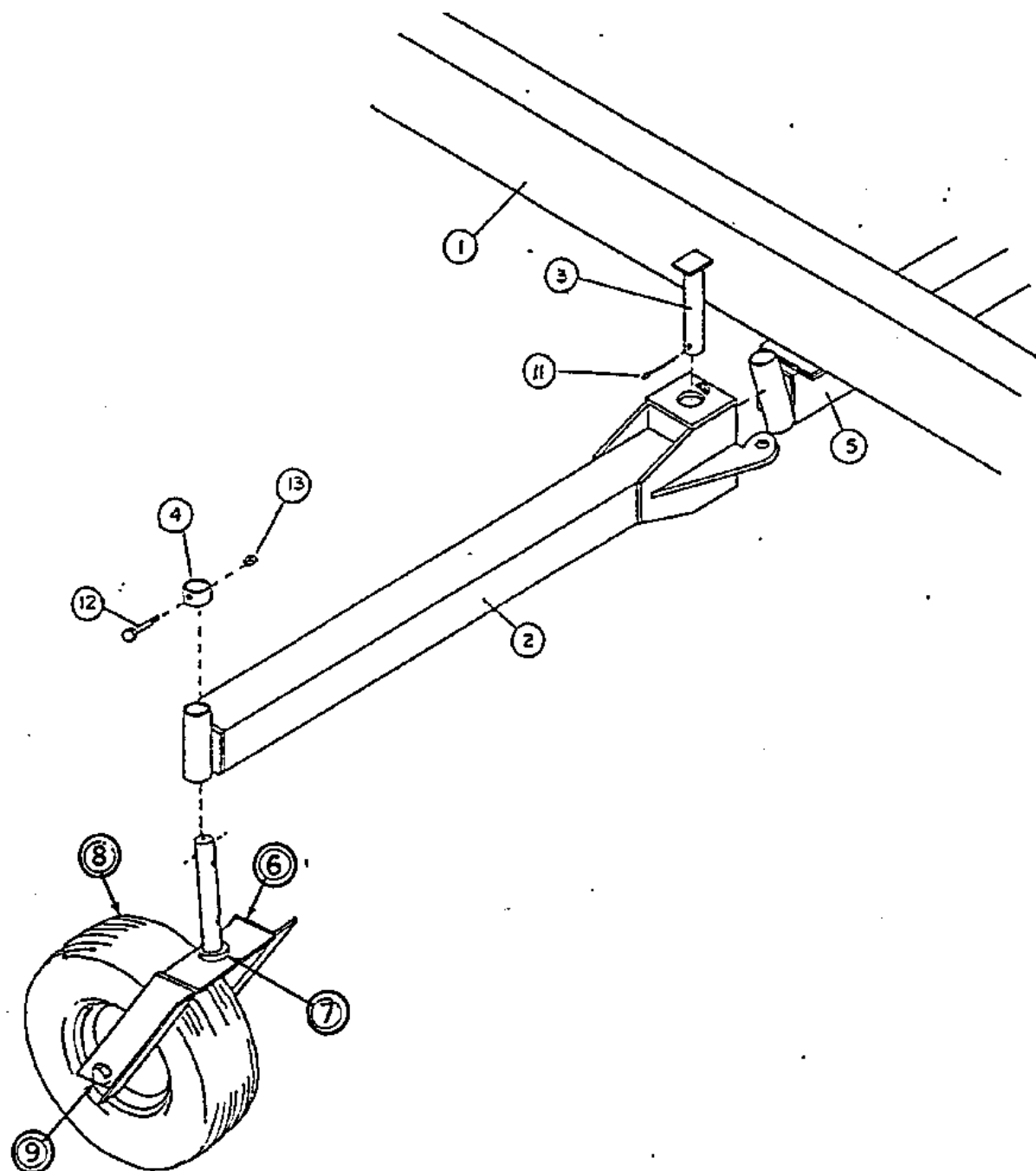
ITEM	PART NUMBER	DESCRIPTION	QTY
1	N5C10P	Nut 5/8"	4
2	91700	Grease Nipple 1/8" NPT Straight	4
3	40073	Right Chain Tightener	2
4	40074	Left Chain Tightener	2
5	91511	2062 Half Link	*
6	91510	2062 Connecting Link	*
7	91508	2062 Chain c/w Connecting Link	8
		* As Required	

Fork Assembly



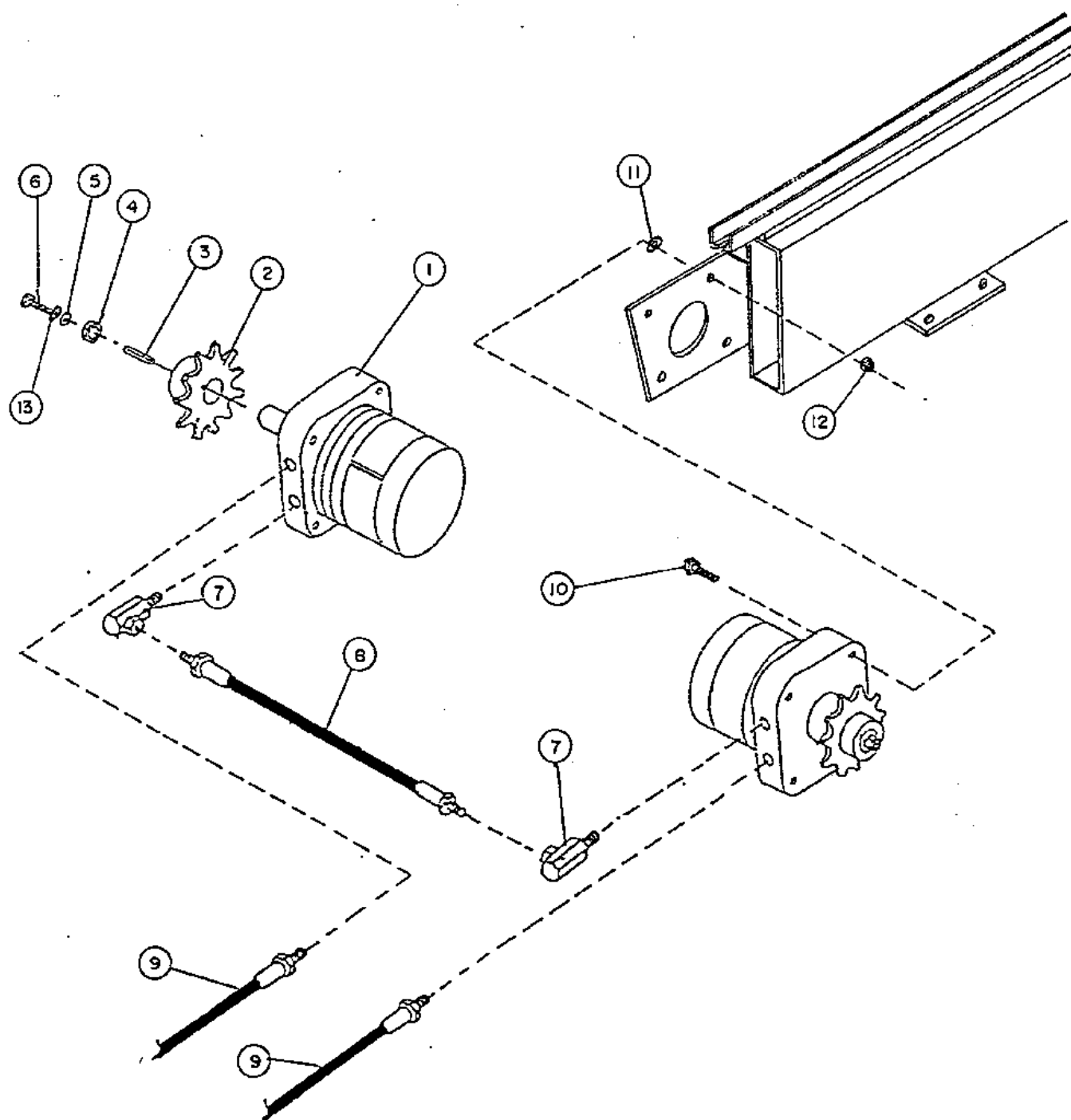
ITEM	PART NUMBER	DESCRIPTION	Nº
1	40009	Cylinder Bracket Pin	1
2	CP0440	Cotter Pin 1/4" x 2 1/2"	4
3	90711 90/20	Cylinder 3 1/2" x 13"	1
4	LN5C12P	Locknut 3/4"	1
5	40008	Front Pivot Arm Pin	2
6	40010	Pivot Slide Arm Pin	1
7	B5C1024P.	5/8" x 1 1/2" bolt	1
8	HP40	Hair Pin Clip 2 1/2"	10
9	40019	Pivot Slide Arm Lock Pin	1
10	B5C1240P	Bolt 3/4" x 2 1/2"	1
11	W10P	Lock Washer 5/8"	8
12	N5C10P	Nut 5/8"	8
13	40080	Right Short Fork	1
14	40079	Right Paddle Fork	1
15	40018	Right Pivot	1
16	40012	Right Pivot Arm	1
17	91700	Grease Nipple 1/8" NPT Straight	2
18	45023	Fork Locking Extention	1
19	B5C1632P	1 x 2" bolt	

Support Arm Assembly



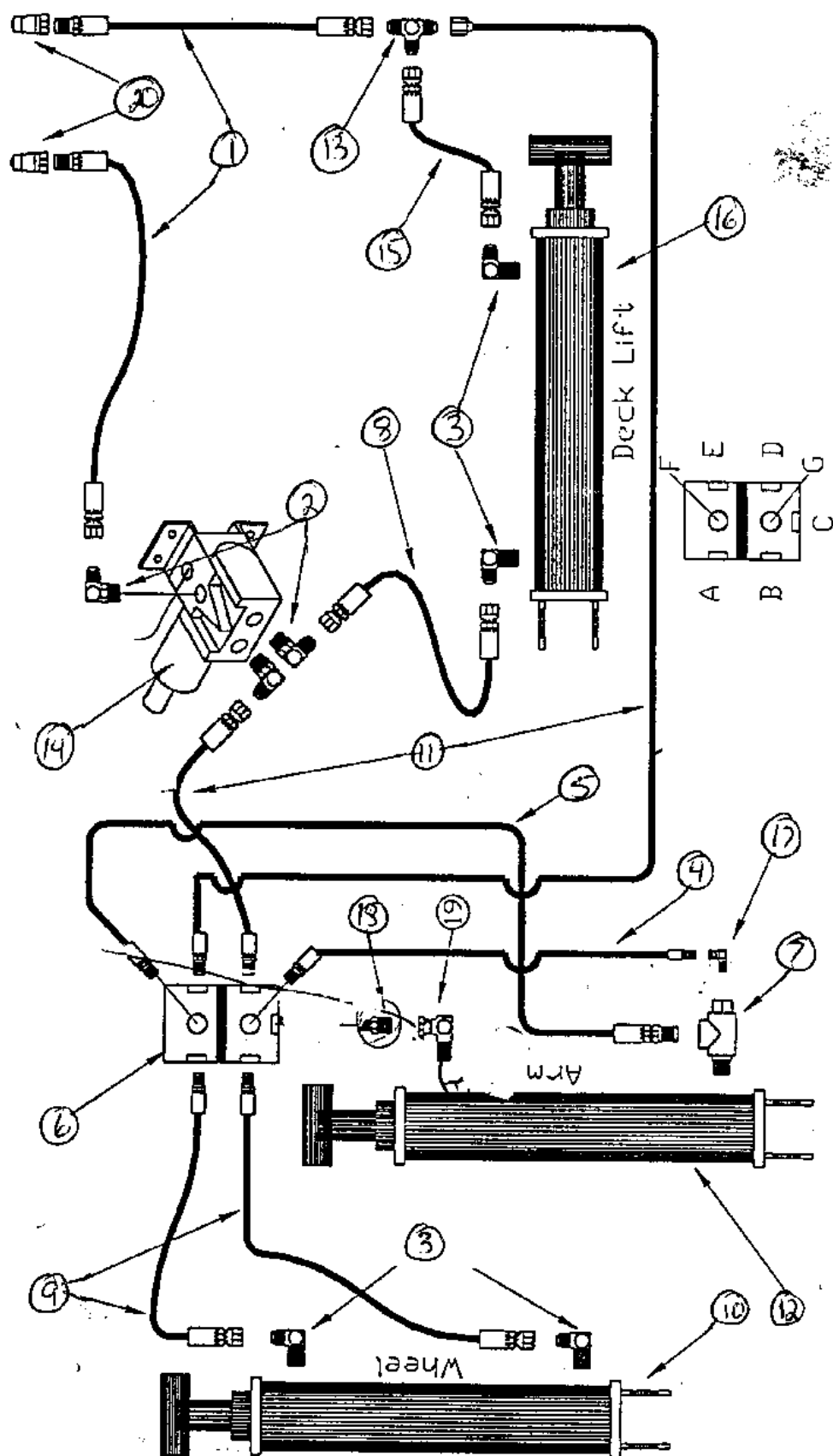
ITEM	PART NUMBER	DESCRIPTION	QTY
1	45047	Main Sub Frame	*
2	45003	Support Arm	1
3	45025	Support Arm Pin	1
4	45026	Support Arm Collar	1
5	45002	Support Arm Bracket	1
6	500007	Castor Fork	1
7	45061	Castor Fork Spacer	1
8	301210	Castor Tire And Rim	1
9	B5C16144P	1 X 9" Bolt	4
11	CPO440	Cotter Pin 1/4" x 2 1/2"	1
12	B5C0540P	Bolt 5/16" x 2 1/2"	1
13	LN5C05P	Locknut 5/16"	3

Hydraulic Motors



ITEM	PART NUMBER	DESCRIPTION	NO.
1	92066	HYDRAULIC MOTOR <i>see kit 601305</i>	2
2	92063	C-2062 - 10 TOOTH SPROCKET	2
3	40078	5/16" KEYSTOCK	2
4	40077	END WASHER	2
5	LW10P	5/8" LOCKWASHER	2
6	92067	5/8" x 1" BOLT	2
7	90507	90 deg. SWIVEL ELBOW 60MB 08MB	2
8	90216	1/2" x 60" HOSE 08MNPT X 08 MNPT	2
9	90310	1/2" x 96" HOSE 10MORB X 08MNPT	2
10	B5C0840P	1/2" x 2 1/2" Bolt UNC Gr. 5	2
11	FW08P	1/2" FLATWASHER	2
12	LNC08	1/2" LOCKNUT UNC	
13	FW10P	5/8" FLATWASHER	2

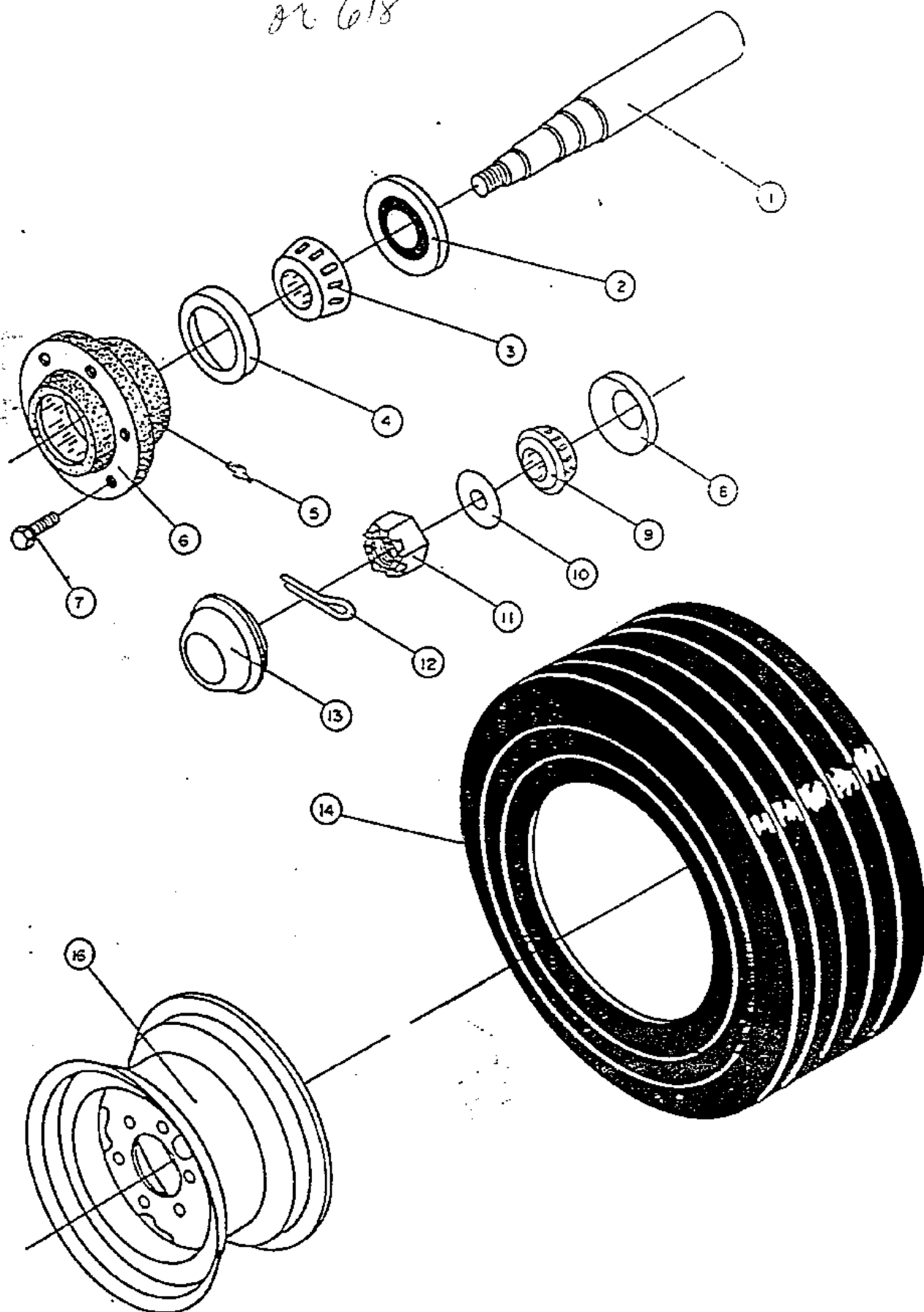
Hydraulic Assembly



ITEM	PART NUMBER	DESCRIPTION	NO.
1	90301	3/8" HOSE x 120" 08 FJIC X 08 MNPT	2
2	849FS00808	08 MORB x 08 MJIC 90 DEG	3
3	849FS0808	08MNPT x 08 MJIC 90 DEG	4
4	90303	3/8 x 15 1/2" 04 MNPT X 06 MNPT	1
5	90302	3/8" x 15" 06 MNPT X 08 MNPT SWIVEL	1
6	45062	DOUBLE TEE BLOCK	1
7	90691	PILOT CKECK VALVE PC50	1
8	90272	3/8" HOSE x 24" 08 FJIC X 08 FJIC	1
9	90305	3/8" HOSE x 30 1/2" 06 MNPT X 08 FJIC	2
10	90117	3" X 8" - 1 1/4" SHAFT 3/8" TOP PORT	1
11	90308	3/8 " HOSE x 50" 08 FJIC X 06 MNPT	2
12	90120	3 1/2" x 13" - SHAFT 1/2" TOP PORT	2
13	844FS08	08 MJIC TEE	1
14	92089	FPS VALVE	1
15	90313	3/8" HOSE x 18" HOSE 08 FJIC x 08FJIC	1
16	90118	3" x 10" - 1 1/4" SHAFT 3/8" SIDE PORT	1
17	60UA0404	90 DEG SWIVEL ELBOW 1/4"	1
18	24SA0806	MALE NIPPLE	1
19	60UA0808	1/2 MNPT x 1/2 FNPT 90 deg. Swivel	1

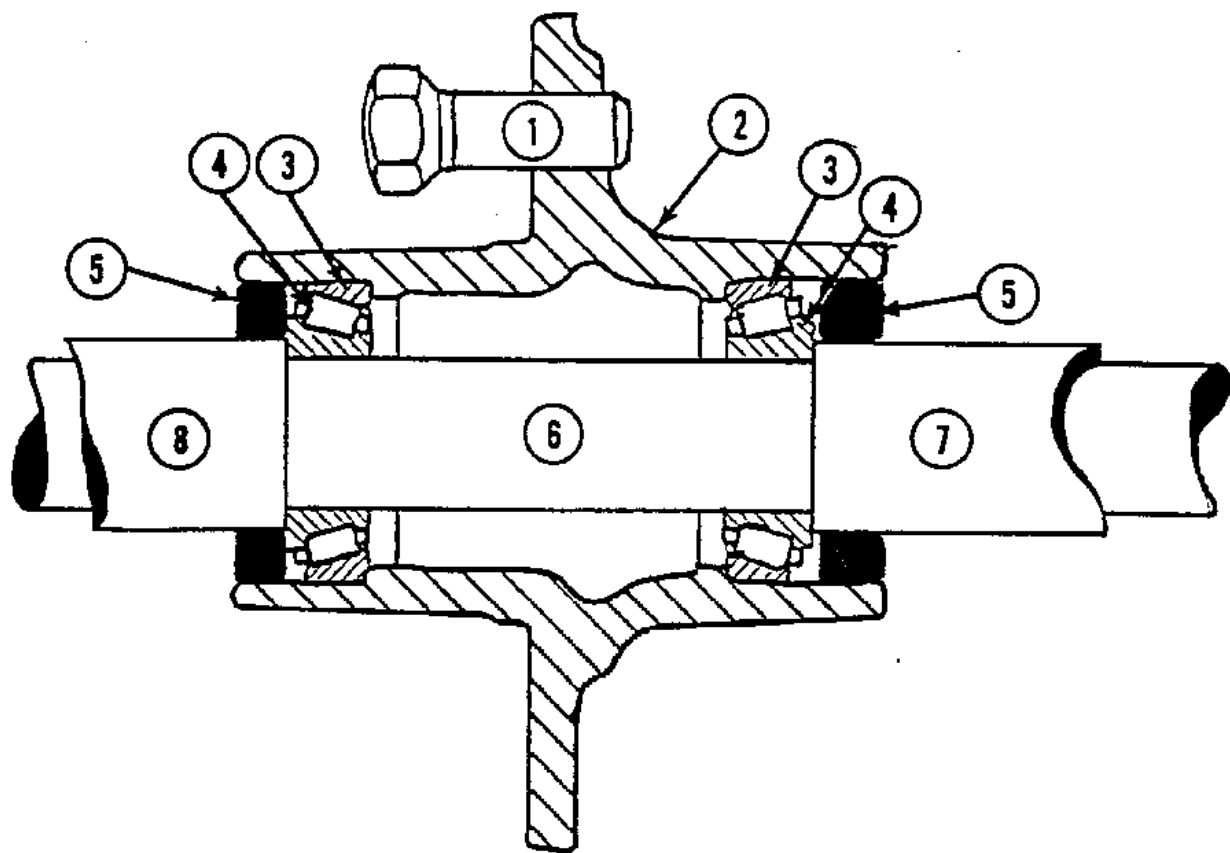
611 Hub Sprindle

pr 618



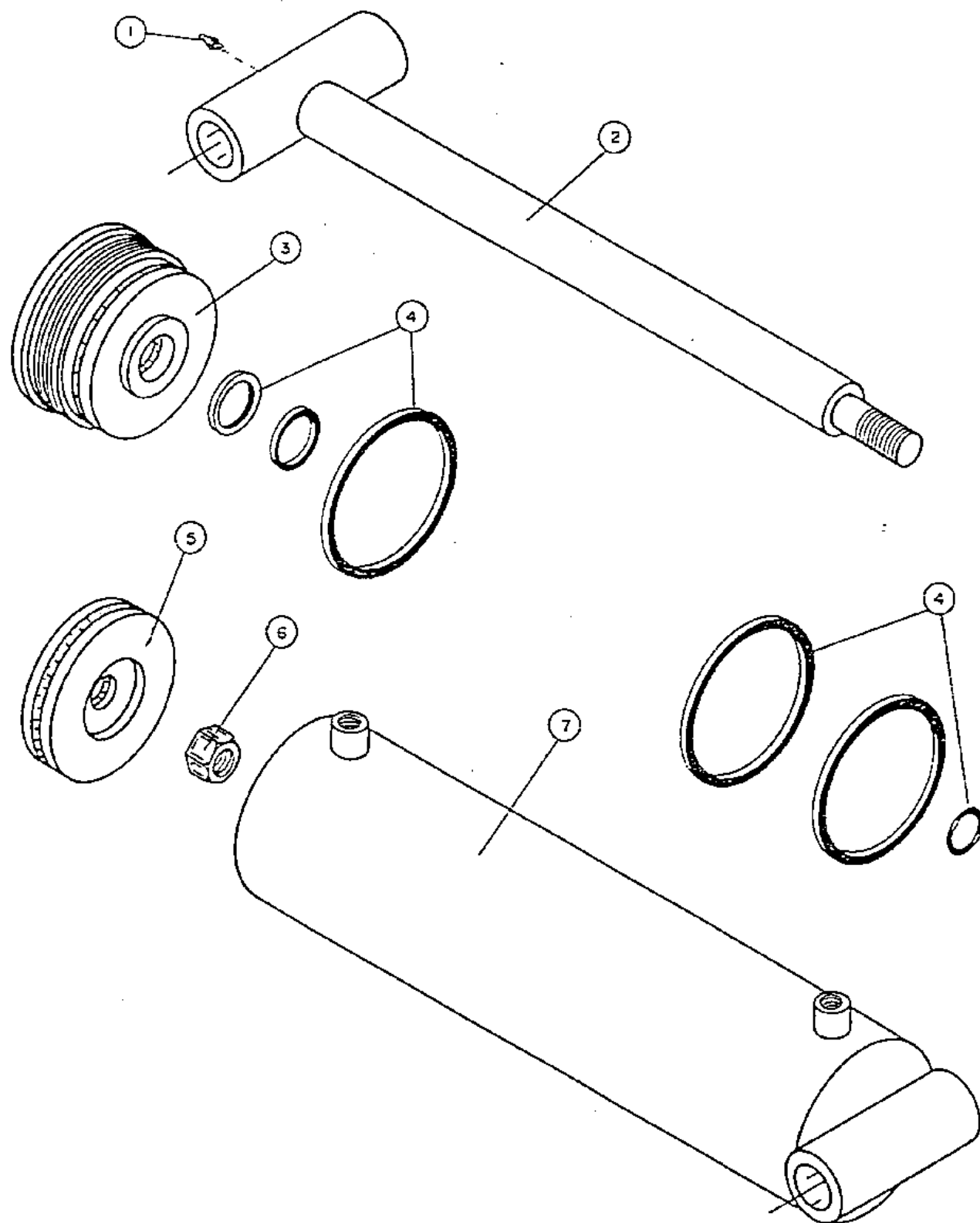
ITEM	PART NUMBER	DESCRIPTION	Nº
1	91250	611 Spindle 2" x 10"	1
2	91090	611 Seal 7/16 35	1
3	91170	611 Inner Cone LM29749	1
4	91150	611 Inner Race LM29710	1
5	91700	Grease Nipple 1/8" NPT Straight	1
6	91070	611 Hub	1
7	91060	Wheel Bolt 1/2"	6
8	91130	611 Outer Race LM67010	1
9	91110	611 Outer Cone LM67048	1
10	91190	Washer	1
11	91210	Castelated Nut	1
12	CPo324	Cotter Pin 3/16" x 1 1/2"	1
13	91230	611 Dust Cap	1
14	91008	11L-15LT 8PLY Farm Hiway Serv	1
16	91050	15" x 8" x 6" Wheel Rim	1

**4-BOLT
HD211**



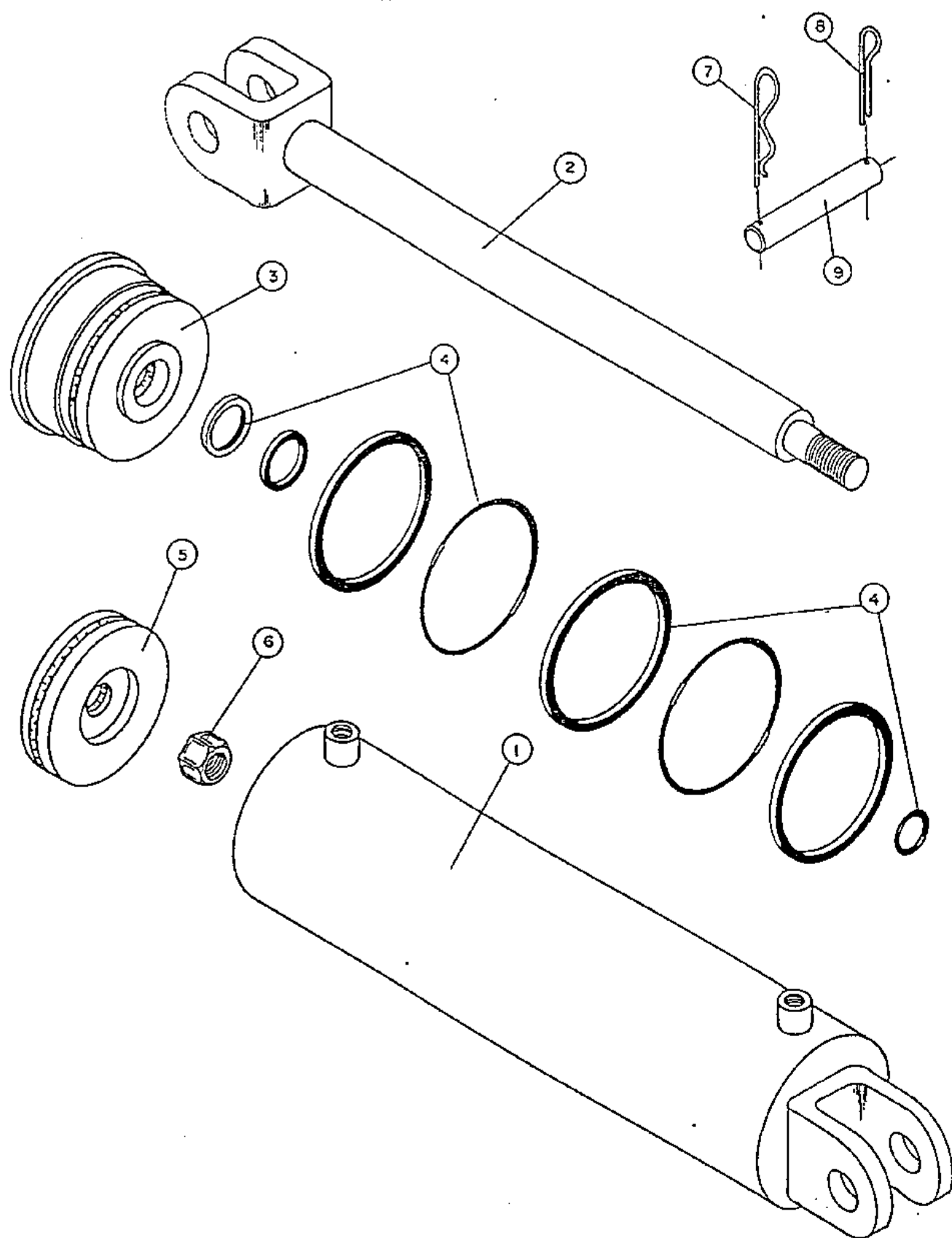
ITEM	PART NUMBER	DESCRIPTION	QTY
1	301204	1/2" WHEEL BOLT	1
2	301203	HD211 WHEEL HUB	1
3	301205	L44610 RACE	1
4	301206	L44643 BEARING	1
5	301207	SE10 SEAL	1
6	B5C16144P	1 X 9 UNC GR5 PLTD	1
	LNC16	1" UNC LOCK NUT	1
7	301208	1" I.D. X 2" L SPACER	1
8	301209	1" I.D. X 1 1/2" SPACER	1
			4
			1
			1
			1

3 1/2" X 13" Cylinder



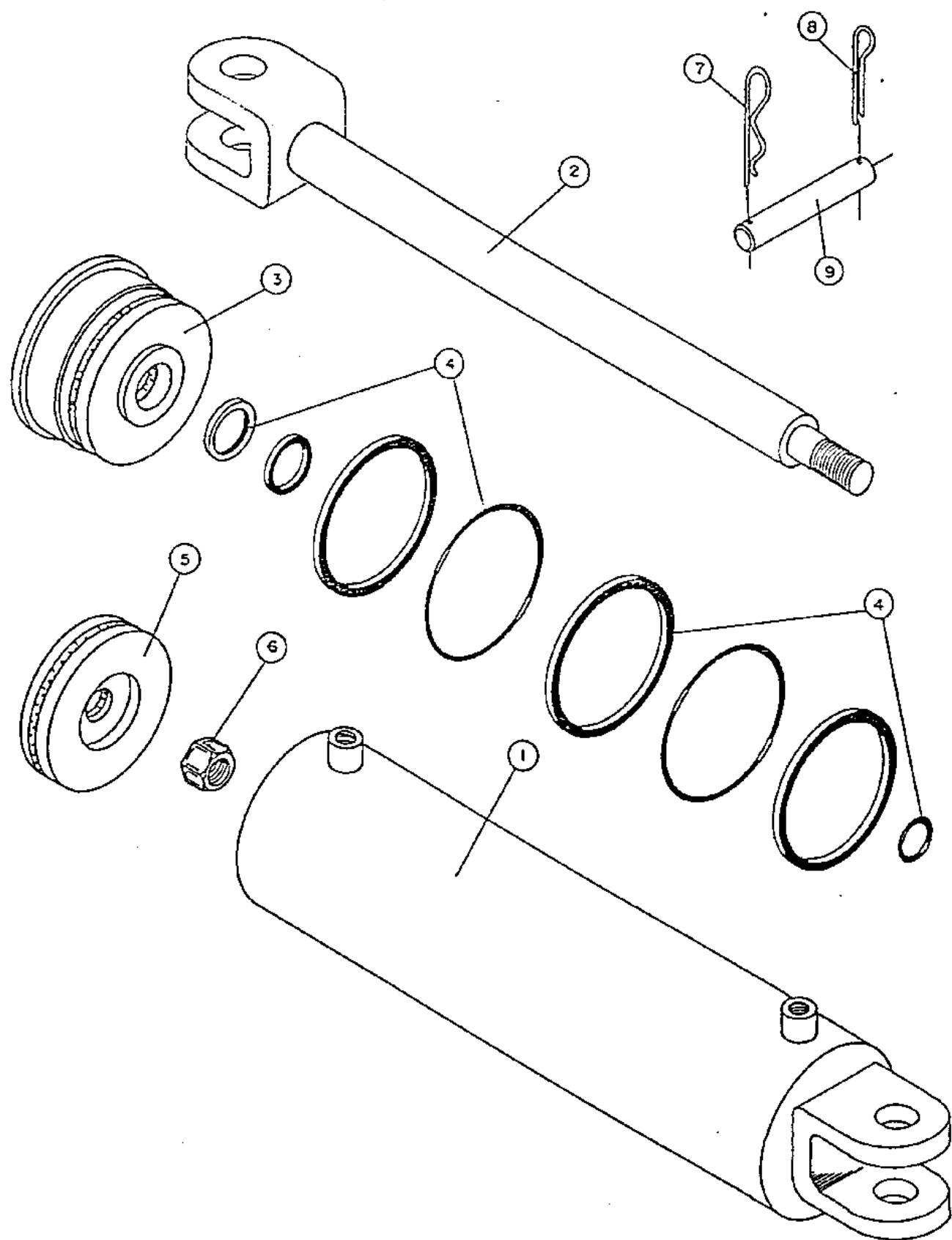
ITEM	PART NUMBER	DESCRIPTION	Nº
1	91700	Grease Nipple 1/8" NPT Straight	1
2	90645	Cylinder Shaft c/w Tube End	1
3	90662	3 1/2" Cylinder Screw on End Cap	1
4	90680	Seal Kit 3 1/2"	1
5	90700	Piston 3 1/2" Cylinder	1
6	90720	Piston Nut	1
7	90746	3 1/2" x 13 Cylinder Screw on Tube	1
	90108	3 1/2" x 13 Cylinder Complete (Tube Ends)	*
		*As Required	

3" x 8" Cylinder

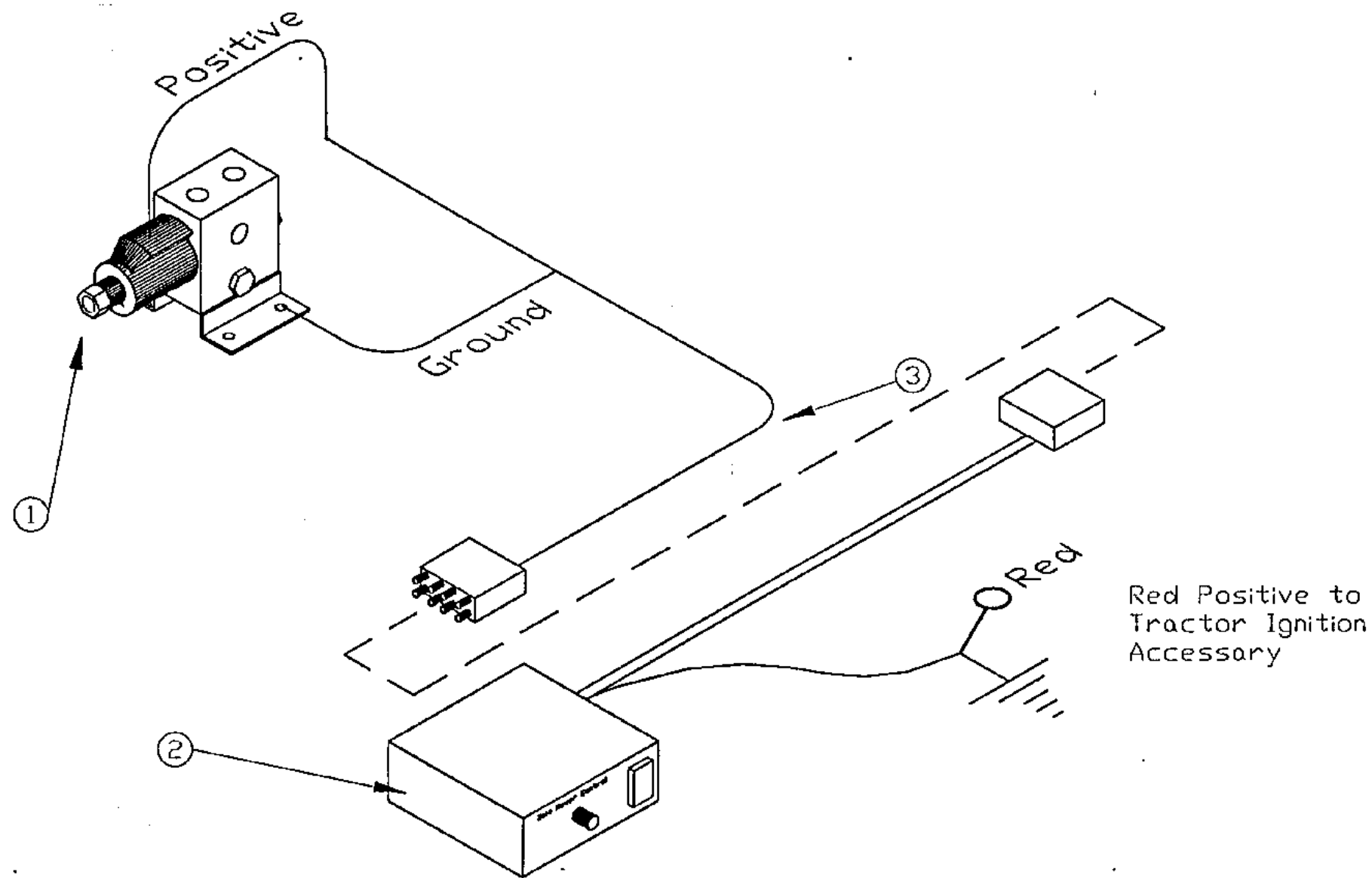


ITEM	PART NUMBER	DESCRIPTION	NO
1	90748	3" x 8" Cylinder Complete (Tube End)	1
2	90647	3" x 8" Cylinder Shaft c/w end	1
3	90666	3" Cylinder Screw on End Cap	1
4	90684	Seal Kit 3"	1
5	90705	Piston 3" Cylinder	1
6	90720	Piston Nut	1
7	HP52	Hair Pin Clip 3 1/4"	2
8	CPO324	Cotter Pin 3/16" x 1 1/2"	2
9	91605	Pin Cylinder 1" x 3 1/4"	2
	90710	3" x 8" Cylinder Complete (Tube End)	*
		*As Required	

3" x 10" Cylinder



ITEM	PART NUMBER	DESCRIPTION	NO
1	90749	3" x 10" Cylinder Screw Tube	1
2	90648	3" x 10" Cylinder Shaft c/w Tube End	1
3	90666	3" Cylinder Screw on end Cap	1
4	90684	Seal Kit 3"	1
5	90705	Piston 3" Cylinder	1
6	90720	Piston Nut	1
7	HP52	Hair Pin clip 3 1/4"	2
8	CPO324	Cotter Pin 3/16" x 1 1/2"	2
9	91605	Pin Cylinder 1" x 3 1/4"	2
	90711	3" x 10" Cylinder Complete (Tube End)	*



[illegible]