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2900
MOLDBOARD
PLOW
PARTS

WIL-RICH
P.O. BOX 1030 WAHPETON, ND 58074
(701) 642-2621
www.wil-rich.com

WARRANTY

The only warranty Wil-Rich gives and the only warranty the dealer is authorized to give is as follows:

We warrant products sold by us to be in accordance with our published specifications or those specifications agreed to by us in writing at time of sale. Our obligation and liability under this warranty is expressly limited to repairing, or replacing, at our option, within 12 months after date of retail delivery, any product not meeting the specifications. ***We make no other warranty, express or implied and make no warranty of merchantability or of fitness for any particular purpose.*** Our obligation under the warranty shall not include any transportation charges or costs or installation or any liability for direct, indirect or consequential damage or delay. If requested by us, products or parts for which a warranty claim is made are to be returned transportation prepaid to our factory. Any improper use, operation beyond rated capacity, substitution of parts not approved by us, or any alteration or repair by others in such manner as in our judgment affects the product materially and adversely shall void this warranty. ***No employee or representative is authorized to change this warranty in any way or grant any other warranty.***

Wil-Rich reserves the right to make improvement changes on any of our products without notice.

When warranty limited or not applicable: Warranty on hoses, cylinders, hubs, spindles, engines, valves, pumps or other trade accessories are limited to the warranties made by the respective manufactures of these components. Rubber tires and tubes are warranted directly by the respective tire manufacturer only, and not by Wil-Rich.

Warranty does not apply to any machine or part which has been repaired or altered in any way so as in the our judgment to affect its reliability, or which has been subject to misuse, negligence or accident.

A Warranty Validation and Delivery Report Form must be filled out and received by Wil-Rich to initiate the warranty coverage.

WARRANTY CLAIMS PROCEDURE

1. The warranty form must be returned to Wil-Rich within fifteen (15) working days from the repair date.
2. Parts returned to Wil-Rich without authorization will be refused. The parts must be retained at the dealership for ninety (90) days after the claim has been filed. If the Service Department would like to inspect the parts, a packing slip will be mailed to the dealer. The packing slip must be returned with the parts. The parts must be returned prepaid within thirty (30) days of receiving authorization. After the parts are inspected and warranty is verified, credit for the return freight will be issued to the dealer.
3. Parts that will be scrapped at the dealership will be inspected by Wil-Rich Sales Representatives, District Sales Managers or Service Representatives within the ninety (90) day retaining period.

ORIENTATION

Any reference to left (L) or right (R) sides or components is to be understood as being viewed from behind the machine and looking forward.

ABBREVIATIONS

AR	Automatic Reset
BWHT	Bright White
DHMP	Double Hinged Moldboard Plow
DIA	Diameter
DTB	Deep Tillage Bottom
F-F	Female Female
GA	Gauge
GR	Grade of Bolt
HD	Heavy Duty
HMP	Hinged Moldboard Plow
HYD CYL	Hydraulic Cylinder
IN	Inches
L	Left
LH	Left Hand
L/SMMP	On Land Semi-mounted Moldboard Plow
M-F	Male Female
NC	National Course Thread
NF	National Fine Thread
NPT	National Pipe Thread
PR	Pair
R	Right
RH	Right Hand
RND HD	Round Head
RR	Rear
SB	Shear Bolt
SCR	Screw
SMMP	Semi-Mounted Moldboard Plow
SMP	Straight Moldboard Plow
SMV	Slow Moving Vehicle
W/	With
W/O	Without

PARTS BOOK REVISION

When changes to the machine make it necessary, revised additional pages for this book will be issued. The revised pages will be issued with the same page number as those they replace. The additional pages will be given a page number with a letter suffix denoting the location of the new page (23A, 36A, ECT.). Consecutive suffix letters will be used if more than one page is to be added to one location (23A, 23B, ECT.). The revised or additional pages will also carry the machine name and the issue date to assist in identifying the book to which the parts pages apply. Revised parts book pages must be inserted into the parts book as soon as received. Failure to do so will lead to confusion and defeat the purpose of the book.

SERIAL NUMBER BREAK

Every machine has a serial number located on the body of the frame. These serial numbers are consecutively assigned to the machines as they are manufactured. To aid in part ordering we reference the serial number at the point the change occurred. Therefore providing an accurate means of determining the proper parts.

MODIFICATIONS

It is the policy of Hutchinson Wil-Rich Manufacturing Company to improve its products whenever possible and practical to do so. We reserve the right to make changes, improvements, and modifications at any time without incurring the obligation to make such changes, improvements and modifications on any equipment sold previously.

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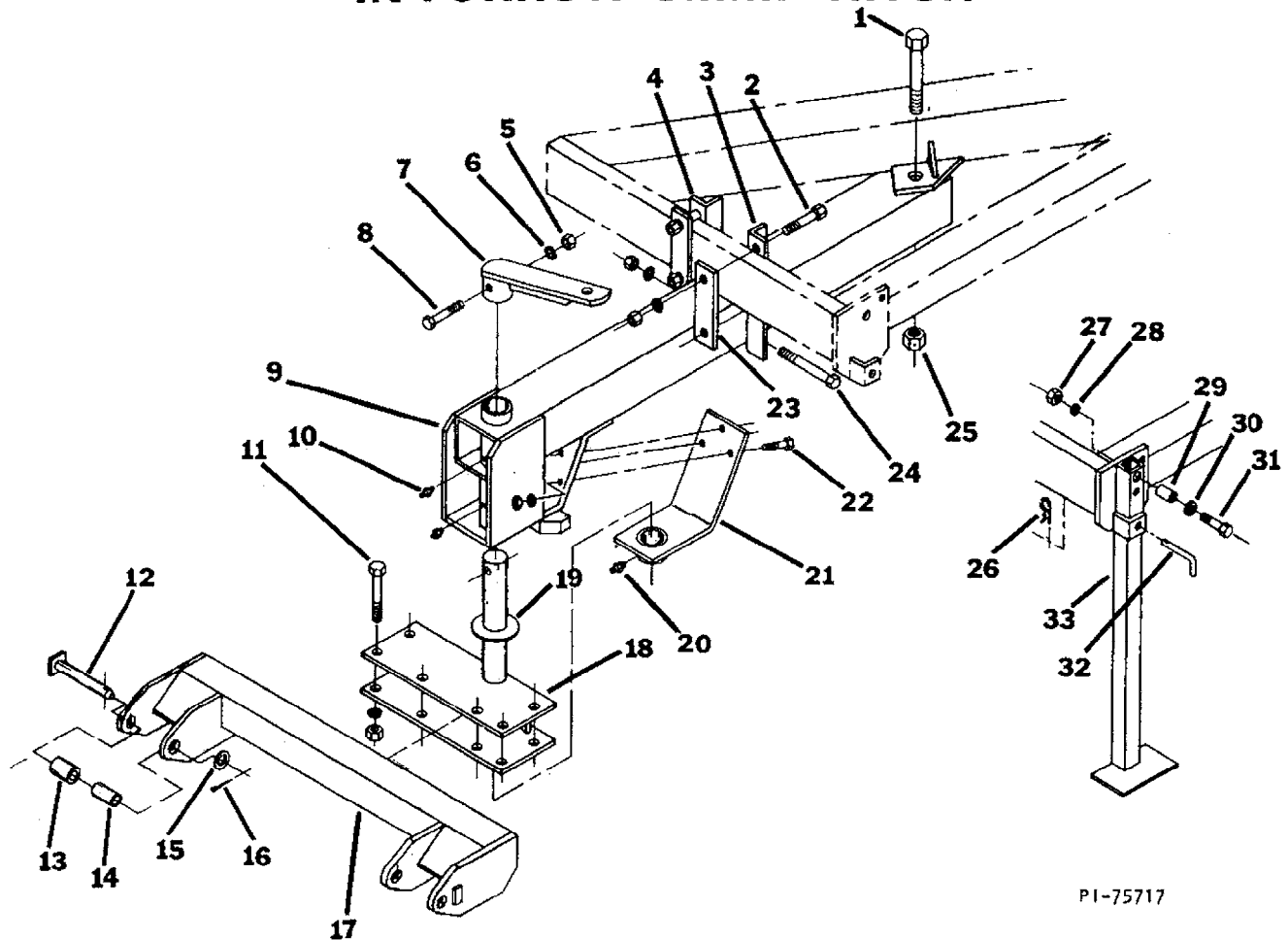
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IN-FURROW SMMP HITCH



PI-75717

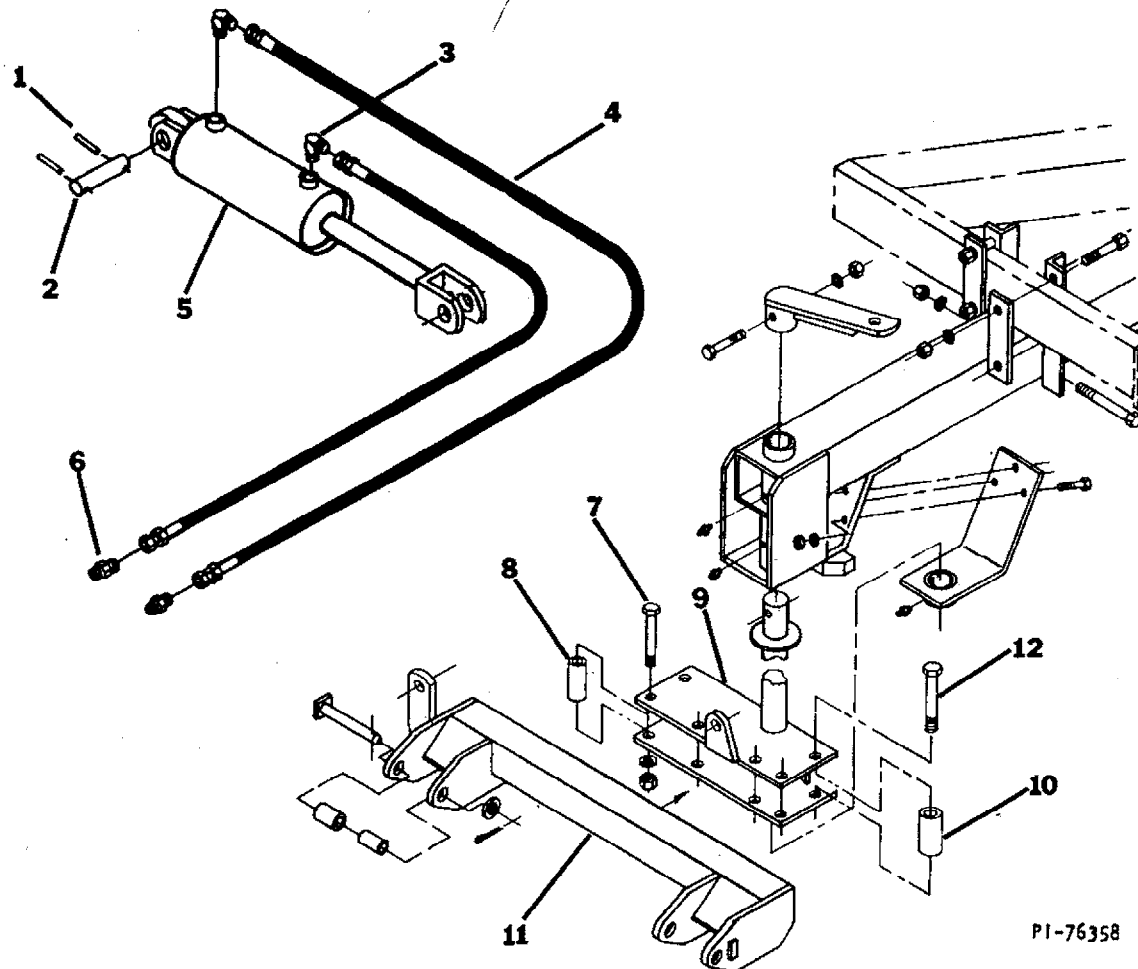
ITEM	P/N	DESCRIPTION
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1	88427	BOLT, 1-1/4NC X 8 GR 5
2	88272	BOLT, 3/4NC X 4 GR 5
3	NA	LEFT POLE ANGLE
4	NA	RIGHT POLE ANGLE
5	88110	NUT, 3/4 NC
6	88130	LOCK WASHER, 3/4
7	15155	FRONT PIVOT ARM
8	88272	BOLT, 3/4NC X 4 GR 5
9	NA	REAR HITCH TUBE
10	88550	GREASE FITTING, 1/4 NF
11	88293	BOLT, 3/4NC X 6 GR 5
12	18159	HITCH PIN (1-1/8 X 6-7/8)
13	13590	SPACER
14	23010	BUSHING
15	88397	FLAT WASHER, 1-1/8
16	88133	COTTER PIN, 3/16 X 2
17	NA	HITCH BAR ASSEMBLY

ITEM	P/N	DESCRIPTION
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18	41415	HITCH PIN ASSEMBLY
19	88443	FLAT WASHER, 2-1/2
20	88263	GREASE FITTING, 1/8 NPT
21	19772	REINFORCEMENT BRACE ASSEMBLY
22	88294	BOLT, 5/8NC X 2 GR 5
23	14186	HITCH TUBE PLATE
24	88487	Bolt 3/4 x 8-1/2 Hex NC
25	88430	LOCK NUT, 1-1/4NC
26	88137	SPRING LOCK PIN
27	88126	NUT, 5/8 NC
28	88129	LOCK WASHER, 5/8
29	15170	TUBE
30	88277	FLAT WASHER, 5/8
31	88298	BOLT, 5/8NC X 4 GR 5
32	11483	PIN, WING LOCK 5/8 X 3-5/8
33	15148	SUPPORT LEG

IN-FURROW SMMP HILLSIDE HITCH



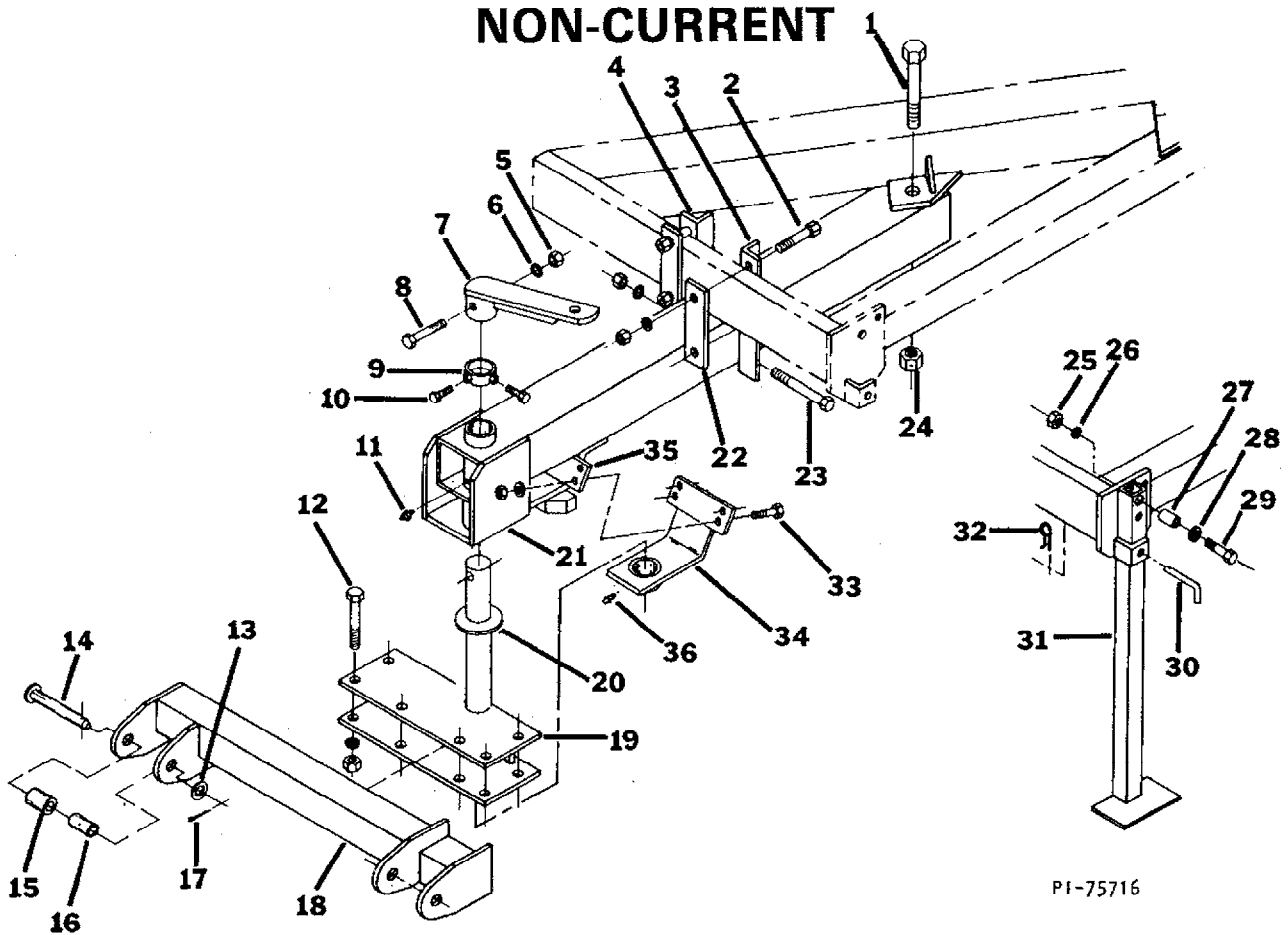
PI-76358

ITEM	P/N	DESCRIPTION
1	42484	PIN, SPRING LOCK 1/4 X 2-1/4
2	42473	CYLINDER PIN
3	13235	ELBOW 3/8
4	13265	HOSE, 3/8X56
5	51239F	3X8 CYLINDER WITH SCREW STOP
6	13234	COUPLER ADAPTER

ITEM	P/N	DESCRIPTION
7	88295	BOLT, 5/8NC X 6 GR 5
8	22521	1" SPACER TUBE
9	41563	HILLSIDE HITCH PIVOT
10	22522	1-1/4" SPACER TUBE
11	22927	HILLSIDE HITCH BAR
12	88293	BOLT, 3/4NC X 6 GR 5

IN-FURROW SMMP HITCH

NON-CURRENT



PI-75716

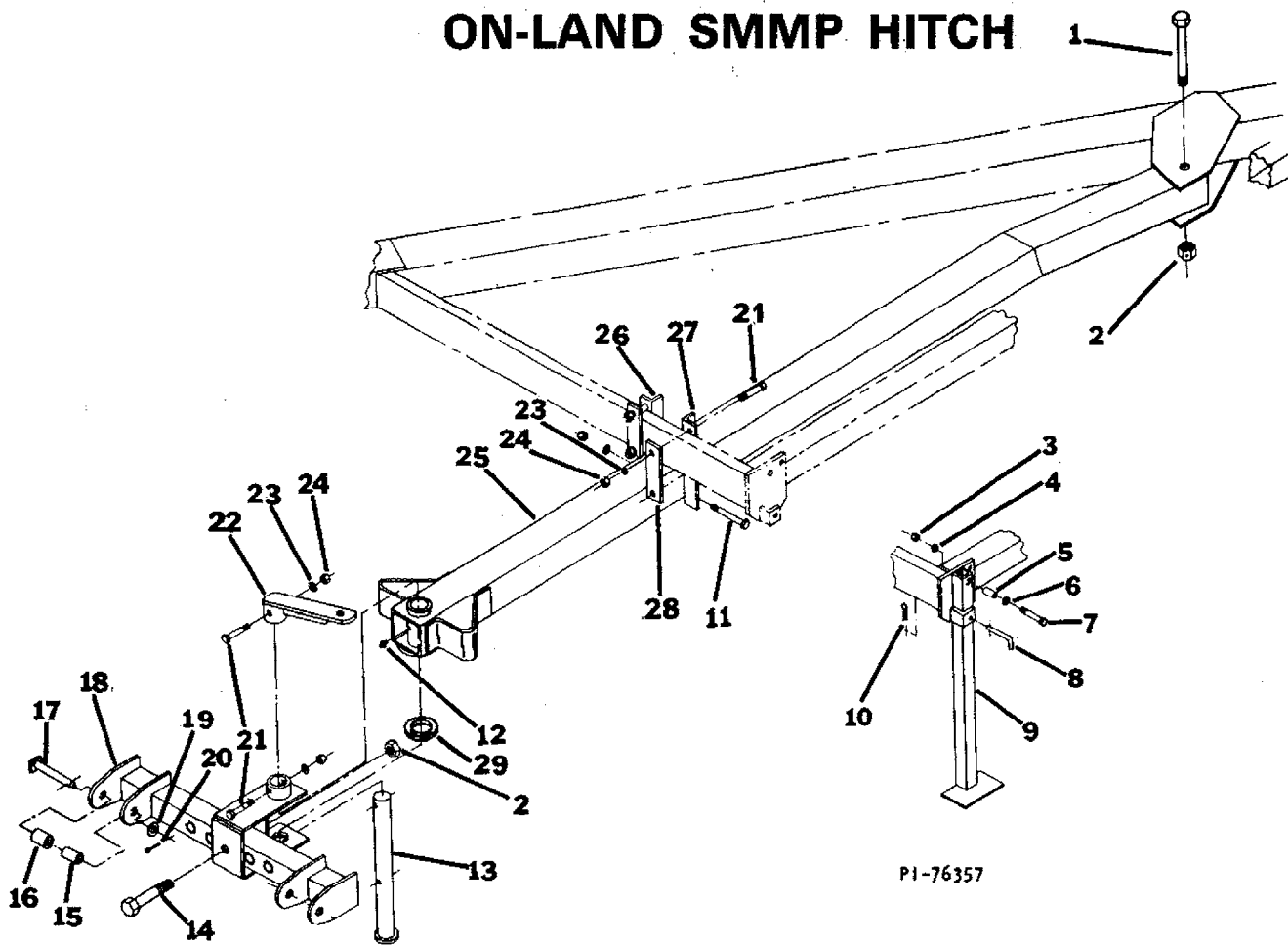
ITEM	P/N	DESCRIPTION
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1	88427	BOLT, 1-1/4NC X 8 GR 5
2	88272	BOLT, 3/4NC X 4 GR 5
3	NA	LEFT POLE ANGLE
4	NA	RIGHT POLE ANGLE
5	88110	NUT, 3/4 NC
6	88130	LOCK WASHER, 3/4
7	15155	FRONT PIVOT ARM
8	88272	BOLT, 3/4NC X 4 GR 5
9	15169	STOP COLLAR
10	88446	SQ HEAD SCREW, 1/2NC X 1
11	88550	GREASE FITTING, 1/4 NF
12	88293	BOLT, 3/4NC X 6 GR 5
13	88397	FLAT WASHER, 1-1/8
14	18159	PIN, HITCH (1-1/8 X 6-7/8)
15	13590	SPACER
16	23010	BUSHING
17	88133	COTTER PIN, 3/16 X 2
18	NA	HITCH BAR ASSEMBLY
19	41415	HITCH PIVOT ASSEMBLY
20	88443	FLAT WASHER, 2-1/2
21	NA	REAR HITCH TUBE (3&4 SMMP SER. NO. 2697 AND BELOW) (5&6 SMMP SER. NO. 2668 AND BELOW)
	NA	REAR HITCH TUBE (3&4 SMMP SER. NO. 2698 AND ABOVE) (5&6 SMMP SER. NO. 2669 AND ABOVE)

ITEM	P/N	DESCRIPTION
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22	14186	HITCH TUBE PLATE
23	88487	FRAME BOLT
24	88430	LOCK NUT, 1-1/4 NC
25	88126	NUT, 5/8 NC
26	88129	LOCK WASHER, 5/8
27	15170	TUBE
28	88277	FLAT WASHER, 5/8
29	88298	BOLT, 5/8NC X 4 GR 5
30	11483	PIN, WING LOCK 5/8 X 3-5/8
31	15148	SUPPORT LEG
32	88137	SPRING LOCK PIN
33	88404	BOLT, 3/4 X 2-1/2
34	NA	REINFORCEMENT BRACE ASSEMBLY (USE WITH 15131 & 19768)
	NA	REINFORCEMENT BRACE ASSEMBLY (USE WITH 18348 & 19768)
35	NA	PLATE
36	88263	GREASE FITTING, 1/8 NPT

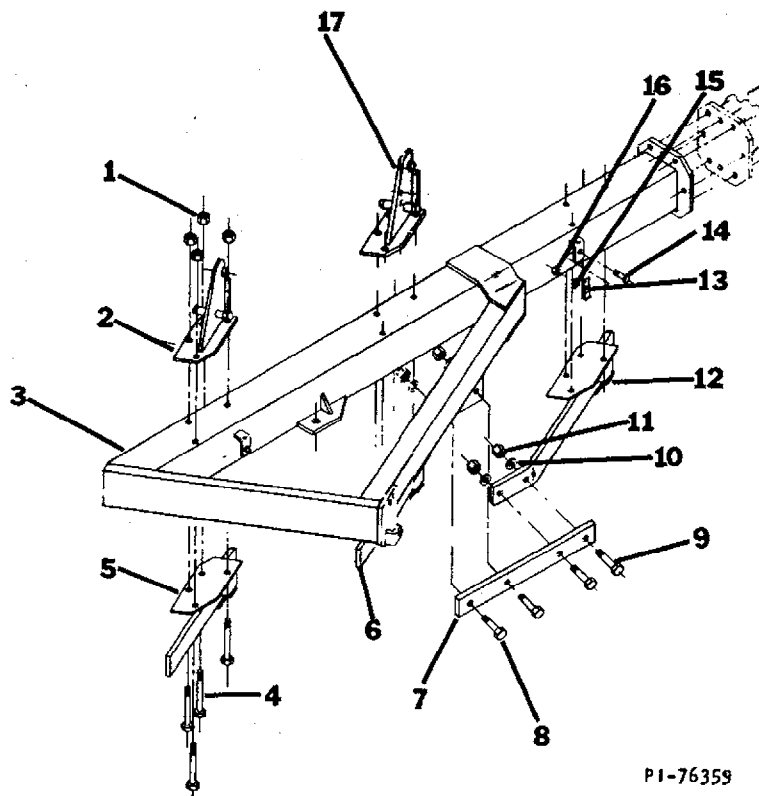
ON-LAND SMMP HITCH



ITEM	P/N	DESCRIPTION
1	88428	BOLT, 1-1/4NC X 9 GR 5
2	88430	LOCK NUT, 1-1/4 NC
3	88126	NUT, 5/8 NC
4	88129	LOCK WASHER, 5/8
5	15170	TUBE
6	88277	FLAT WASHER, 5/8
7	88298	BOLT, 5/8NC X 4 GR 5
8	11483	PIN, WING LOCK 5/8 X 3-5/8
9	15148	SUPPORT LEG
10	88137	SPRING LOCK PIN
11	88403	BOLT, 3/4NC X 8 GR 5
12	88550	GREASE FITTING, 1/4 NF
13	NA	STEERING SHAFT
14	NA	PIVOT BOLT, 1-1/4NC X 6-3/4 GR 5

ITEM	P/N	DESCRIPTION
15	23010	BUSHING
16	13590	SPACER
17	18159	PIN, HITCH (1-1/8 X 6-7/8)
18	NA	HITCH BAR
19	88397	FLAT WASHER, 1-1/8
20	88133	COTTER PIN, 3/16 X 2
21	88272	BOLT, 3/4NC X 4 GR 5
22	15155	FRONT PIVOT ARM
23	88130	LOCK WASHER, 3/4
24	88110	NUT, 3/4 NC
25	NA	MAIN HITCH
26	NA	RIGHT POLE ANGLE
27	NA	LEFT POLE ANGLE
28	14186	HITCH TUBE PLATE
29	88443	FLAT WASHER, 2-1/2

3 BOTTOM IN-FURROW SMMP FRAMES



PI-76359

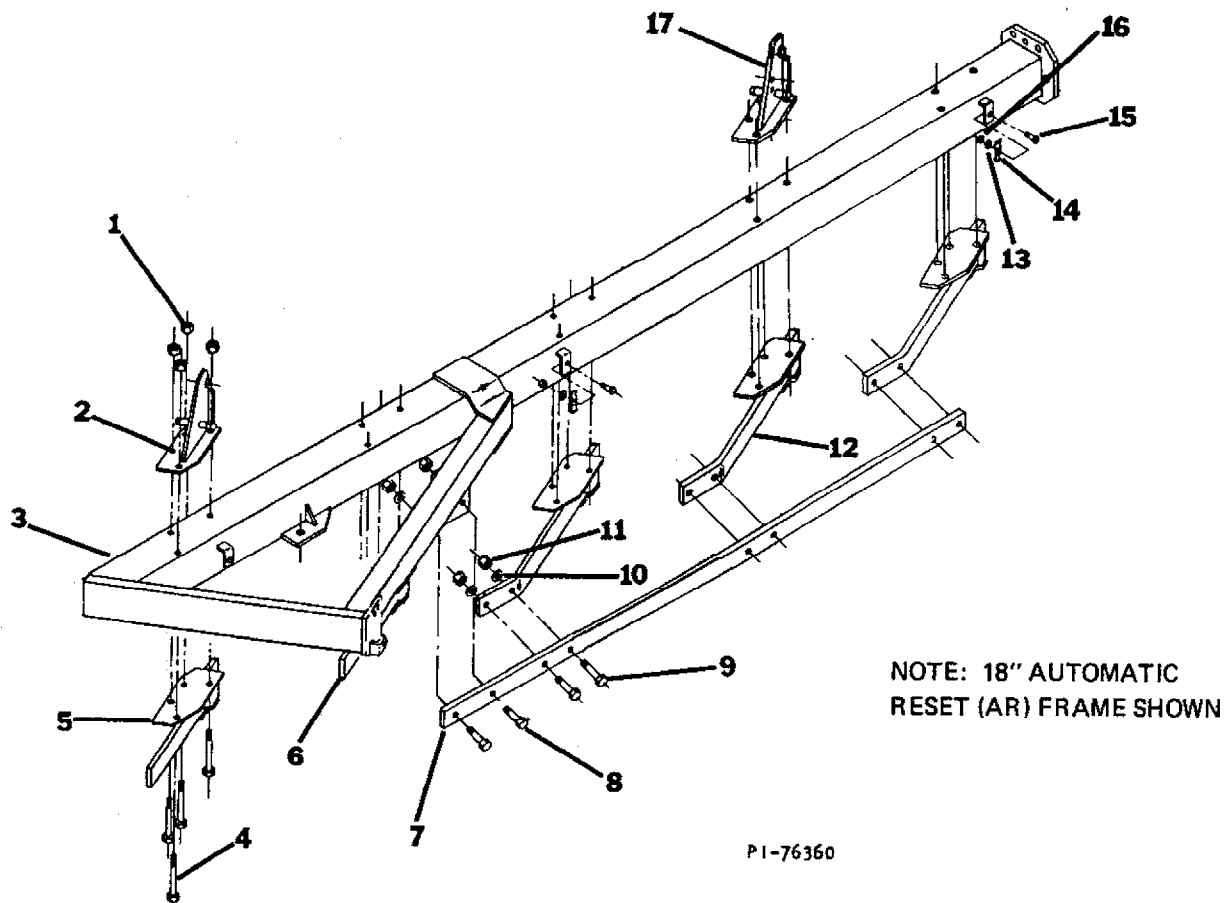
ITEM	P/N	DESCRIPTION
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1	88356	LOCK NUT, 3/4 NC
2	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
3	NA	3-18 3PT FRAME
	NA	3-16 SMMP FRAME
4	88487	BOLT 3/4 X 8-1/2
5	15981	SPLIT BOTTOM PIVOT (AR)
	NA	SPLIT BOTTOM PIVOT (SB)
6	15982	HINGE BOTTOM PIVOT (AR)
	NA	HINGE BOTTOM PIVOT (SB)
7	NA	TIE BAR
8	88409	BOLT, 5/8NC X 2-1/2 GR 5

ITEM	P/N	DESCRIPTION
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9	88408	BOLT, 5/8NC X 3 GR 5
10	88129	LOCK WASHER, 5/8
11	88126	NUT, 5/8 NC
12	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
13	13215	TUBE CLAMP
14	88553	BOLT, 3/8NCx1-1/2 GR5
15	88362	LOCK WASHER, 3/8
16	88103	NUT, 3/8 NC
17	15400	SWIVEL PIVOT ASSEMBLY (AR)
		(SEE PAGE 11 FOR 18" PLOW STEERING LINKAGE, PAGE 12 FOR 16" PLOW.)
	NA	TOP SWIVEL PLATE (SB) (18")
		(SEE PAGE 11 FOR STEERING LINKAGE.)
	NA	SWIVEL HOLDER TOP PLATE (SB) (16")
		(SEE PAGE 12 FOR STEERING LINKAGE.)

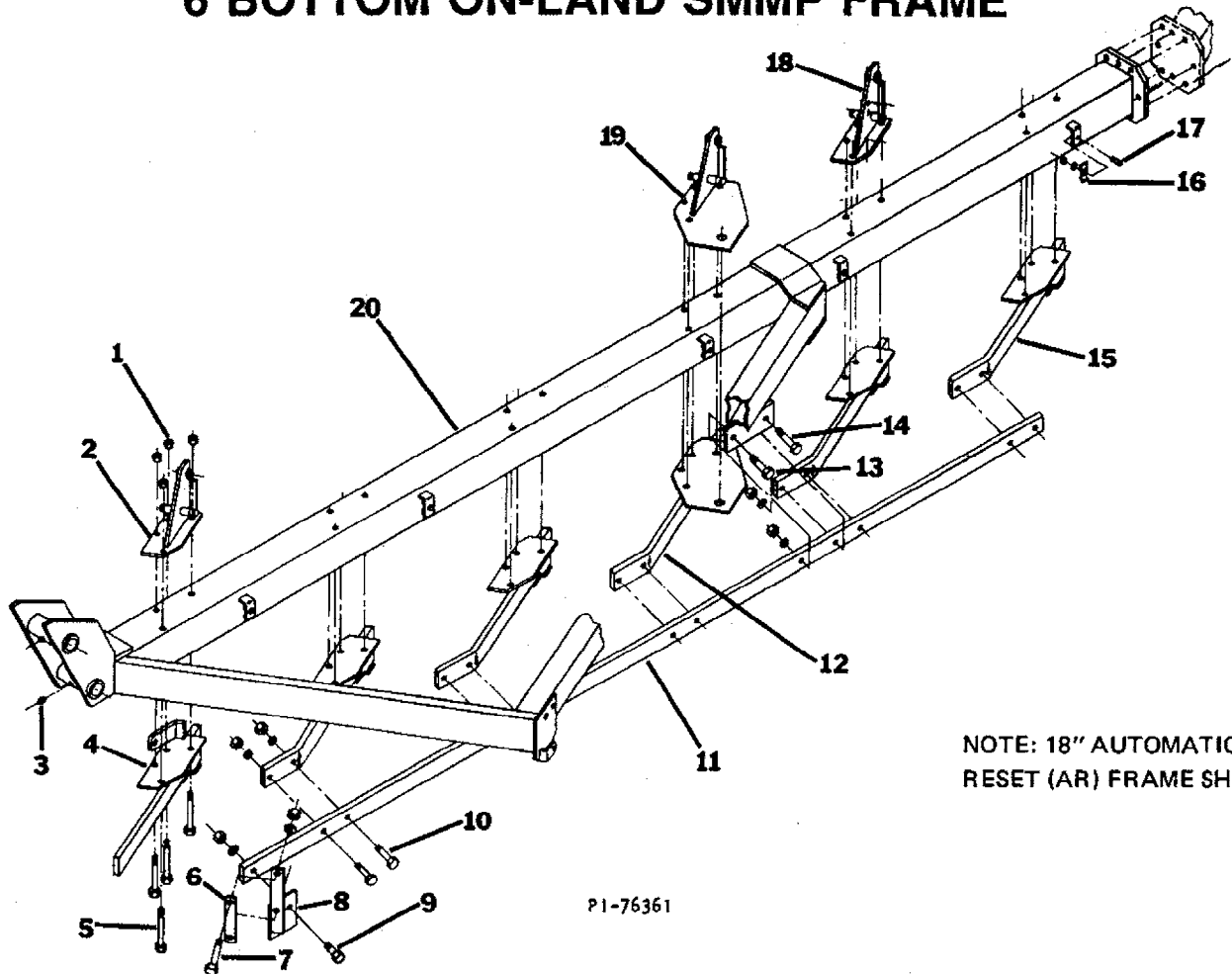
5 BOTTOM IN-FURROW SMMP FRAMES



ITEM	P/N	DESCRIPTION
1	88356	LOCK NUT, 3/4NC
2	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
3	NA	5-18 SMMP FRAME
	NA	5-16 SMMP FRAME ASSEMBLY
4	88487	BOLT 3/4 X 8-1/2 HEX NC
5	15981	SPLIT BOTTOM PIVOT (AR)
	NA	SPLIT BOTTOM PIVOT (SB)
6	15982	HINGE BOTTOM PIVOT (AR)
	NA	HINGE BOTTOM PIVOT (SB)
7	NA	TIE BAR (16")
	NA	5-18 REAR TIE BAR (18")

ITEM	P/N	DESCRIPTION
8	88409	BOLT, 5/8NC X 2-1/2 GR 5
9	88408	BOLT, 5/8NC X 3 GR 5
10	88129	LOCK WASHER, 5/8
11	88126	NUT, 5/8NC
12	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
13	88362	LOCK WASHER, 3/8
14	13215	TUBE CLAMP
15	88553	BOLT, 3/8NCx1-1/2 GR5
16	88103	NUT, 3/8NC
17	15400	SWIVEL PIVOT ASSEMBLY (AR)
		(SEE PAGE 11 FOR 18" PLOW STEERING LINKAGE, PAGE 12 OFR 16" PLOW.)
	NA	TOP SWIVEL PLATE (SB) (18")
		(SEE PAGE 11 FOR STEERING LINKAGE.)
	NA	SWIVEL HOLDER TOP PLATE (SB) (16")
		(SEE PAGE 12 FOR STEERING LINKAGE.)

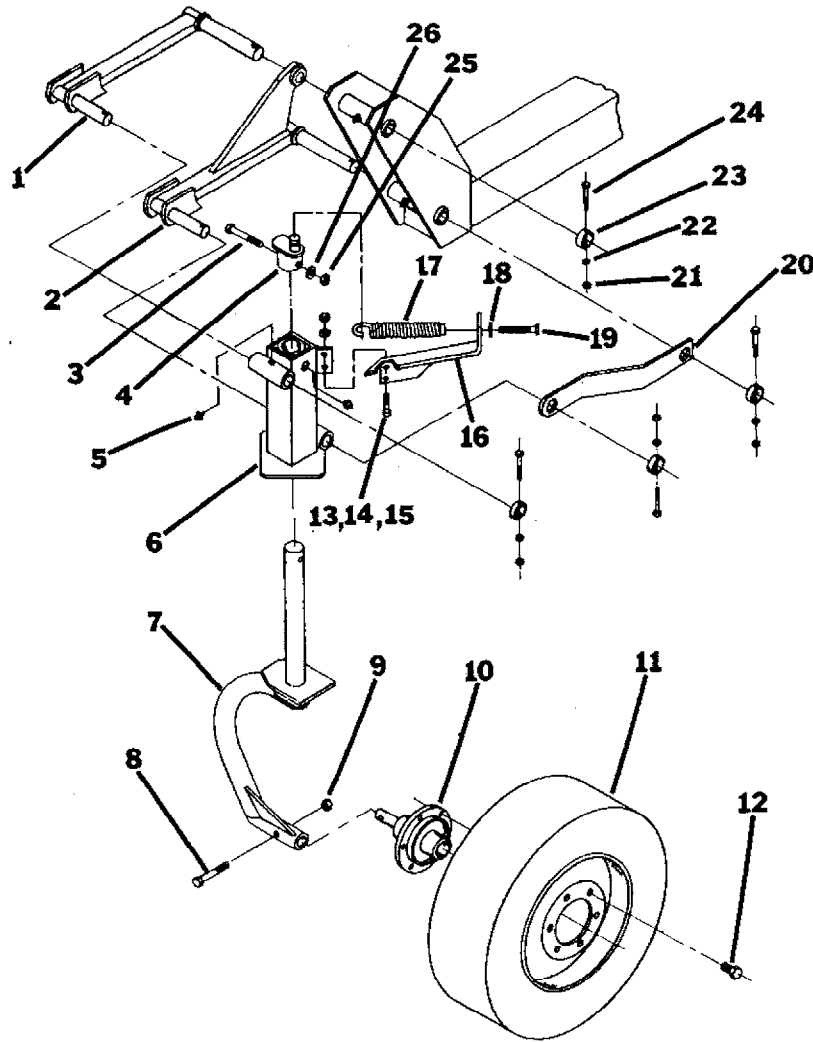
6 BOTTOM ON-LAND SMMP FRAME



ITEM	P/N	DESCRIPTION
1	88356	LOCK NUT, 3/4NC
2	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE
3	88550	GREASE FITTING, 1/4 NF
4	15983	FRONT BOTTOM PIVOT (AR)
	15122	SHEAR FRONT BOTTOM PIVOT (SB)
5	88487	BOLT 3/4 X 8-1/2 HEX NC
6	14186	HITCH TUBE PLATE
7	88272	BOLT, 3/4NC X 4 GR 5
8	NA	BAR HOLD
9	88291	BOLT, 3/4NC X 3 GR 5
	88130	LOCK WASHER 3/4
	88110	NUT, 3/4NC
10	88408	BOLT, 5/8NC X 3 GR 5
	88129	LOCK WASHER, 5/8
	88126	NUT, 5/8NC

ITEM	P/N	DESCRIPTION
11	NA	6-18 FRONT TIE BAR
12	NA	ON LAND BOTTOM PIVOT (AR)
	NA	SHEAR ON LAND BOTTOM PIVOT (SB)
13	88409	BOLT, 5/8NC X 2-1/2 GR 5
14	88292	BOLT, 5/8NC X 3-1/2 GR 5
15	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
16	13215	TUBE CLAMP
17	88553	BOLT, 3/8NC X 1-1/2 GR 5
	88362	LOCK WASHER, 3/8
	88103	NUT, 3/8NC
18	15400	SWIVEL PIVOT ASSEMBLY (AR)
	NA	TOP SWIVEL PIVOT PLATE (SB)
		(SEE PAGE 11 FOR STEERING LINK-AGE)
19	NA	ON LAND TOP PIVOT (AR)
	NA	TOP PULL PLATE (SB)
20	NA	6-18 ON LAND MAIN FRAME

ON-LAND SMMP & SMP FURROW WHEEL

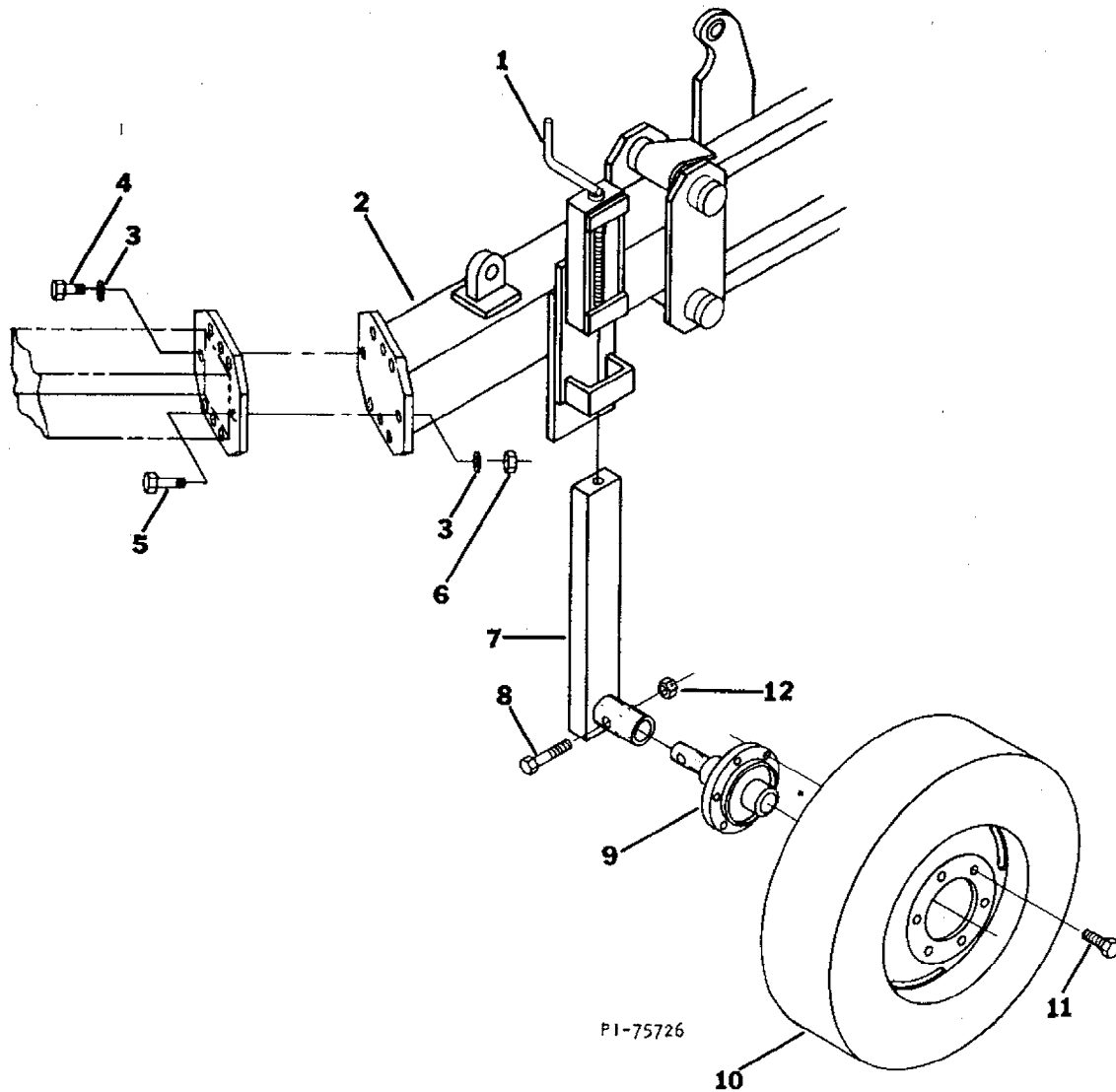


P1-75728

ITEM	P/N	DESCRIPTION
1	19620	UPPER LINK ARM
2	19619	LOWER LINK ARM
3	88272	BOLT, 3/4NC X 4 GR 5
4	16326	SPRING LEVER
5	88550	GREASE FITTING, 1/4NF
6	16069	FURROW WHEEL PIVOT
7	56995	SMP FRONT FURROW WHEEL
8	88429	BOLT, 1/2NF X 3-1/4 GR 5
9	88304	LOCK NUT, 1/2NF
10	14131	2" HUB & SPINDLE
11	10236	WHEEL RIM, 15X6 6 BOLT BWHT
	16287	TIRE, 9:5L X 15 6 PLY
	NA	TUBE, 9:5L X 15 M 15
12	88142	WHEEL BOLT, 1/2NF X 1
13	88679	BOLT, 1/2NC X 2

ITEM	P/N	DESCRIPTION
14	88303	LOCK WASHER, 1/2
15	88104	NUT, 1/2NC
16	16328	SPRING BRACKET ASSEMBLY
17	15403	SPRING CASTING ASSEMBLY
18	88277	FLAT WASHER, 5/8
19	14340	BOLT, ADJUSTMENT 5/8 X 4
20	14190	LINK ARM BRACE
21	88103	NUT, 3/8NC
22	88362	LOCK WASHER, 3/8NC
23	14189	LINK ARM COLLAR
24	88412	BOLT, 3/8NC X 3-1/2 GR 5
25	88110	HEX NUT, 3/4
26	88130	LOCK WASHER, 3/4

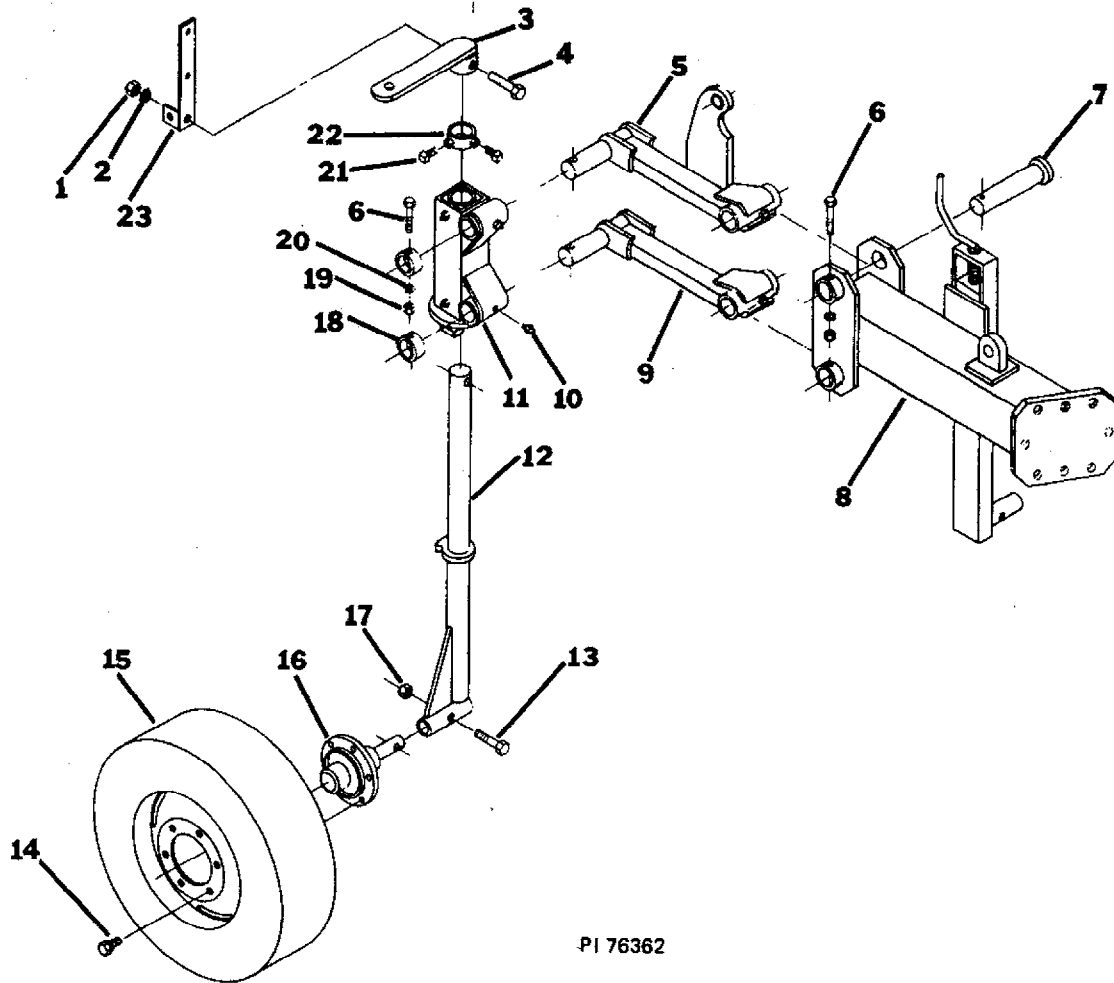
SMMP GAUGE WHEEL



ITEM	P/N	DESCRIPTION
1	16038	OFFSET CRANK ASSEMBLY
2	15125	GAUGE WHEEL ASSEMBLY
3	88130	LOCK WASHER, 3/4
4	88405	BOLT, 3/4NC X 1-3/4 GR 5
5	88404	BOLT, 3/4NC X 2-1/2 GR5
6	88110	NUT, 3/4 NC
7	14085	GAUGE WHEEL TUBE ASSEMBLY

ITEM	P/N	DESCRIPTION
8	88313	BOLT, 1/2NF X 3 GR 5
9	41233	1-3/4" HUB & SPINDLE
10	10236	WHEEL RIM, 15X6 6 BOLT BWHT
	16287	TIRE, 9:5L X 15 6 PLY
	NA	TUBE, 9:5L X 15 M 15
11	88142	WHEEL BOLT, 1/2NF X 1
12	88304	LOCK NUT, 1/2 NF

SMMP TAILWHEEL

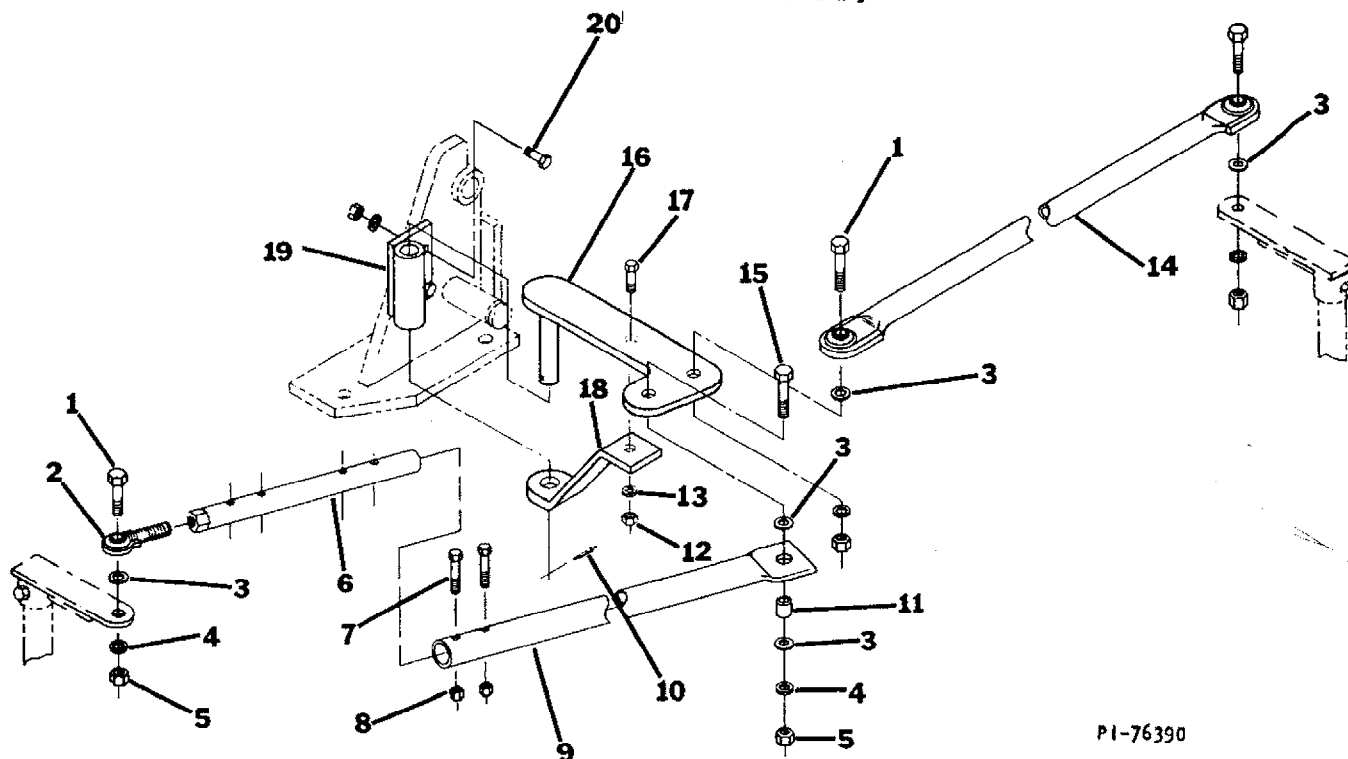


PI 76362

ITEM	P/N	DESCRIPTION
1	88110	NUT, 3/4 NC
2	88130	LOCK WASHER, 3/4
3	15150	REAR PIVOT ARM 18" PLOWS
	NA	REAR PIVOT ARM 16" PLOWS
4	88272	BOLT, 3/4NC X 4 GR 5
5	19624	UPPER LINKAGE ARM
6	88412	BOLT, 3/8NC X 3-1/2 GR 5
7	15492	PIN (2 X 211/16)
8	15125	GAUGE WHEEL ASSEMBLY
9	19623	LOWER PIVOT ARM
10	88550	GREASE FITTING, 1/4 NF
11	16101	TAILWHEEL PIVOT ASSEMBLY

ITEM	P/N	DESCRIPTION
12	15138	TAILWHEEL AXLE LEG
13	88429	BOLT, 1/2NF X 3-1/4 GR 5
14	88142	WHEEL BOLT, 1/2NF X 1
15	10236	WHEEL RIM, 15X6 6 BOLT BWHT
	16287	TIRE, 9:5L X 15 6 PLY
	NA	TUBE, 9:5L X 15 M15
16	14131	2" HUB & SPINDLE
17	88304	LOCK NUT, 1/2 NF
18	14189	LINK ARM COLLAR
19	88103	NUT, 3/8 NC
20	88362	LOCK WASHER, 3/8
21	88446	SQ. HEAD SET SCREW, 1/2NC X 1
22	15169	STOP COLLAR
23	41359	SMV BRACKET

ON-LAND STEERING LINKAGE IN-FURROW STEERING LINKAGE (18" PLOW)

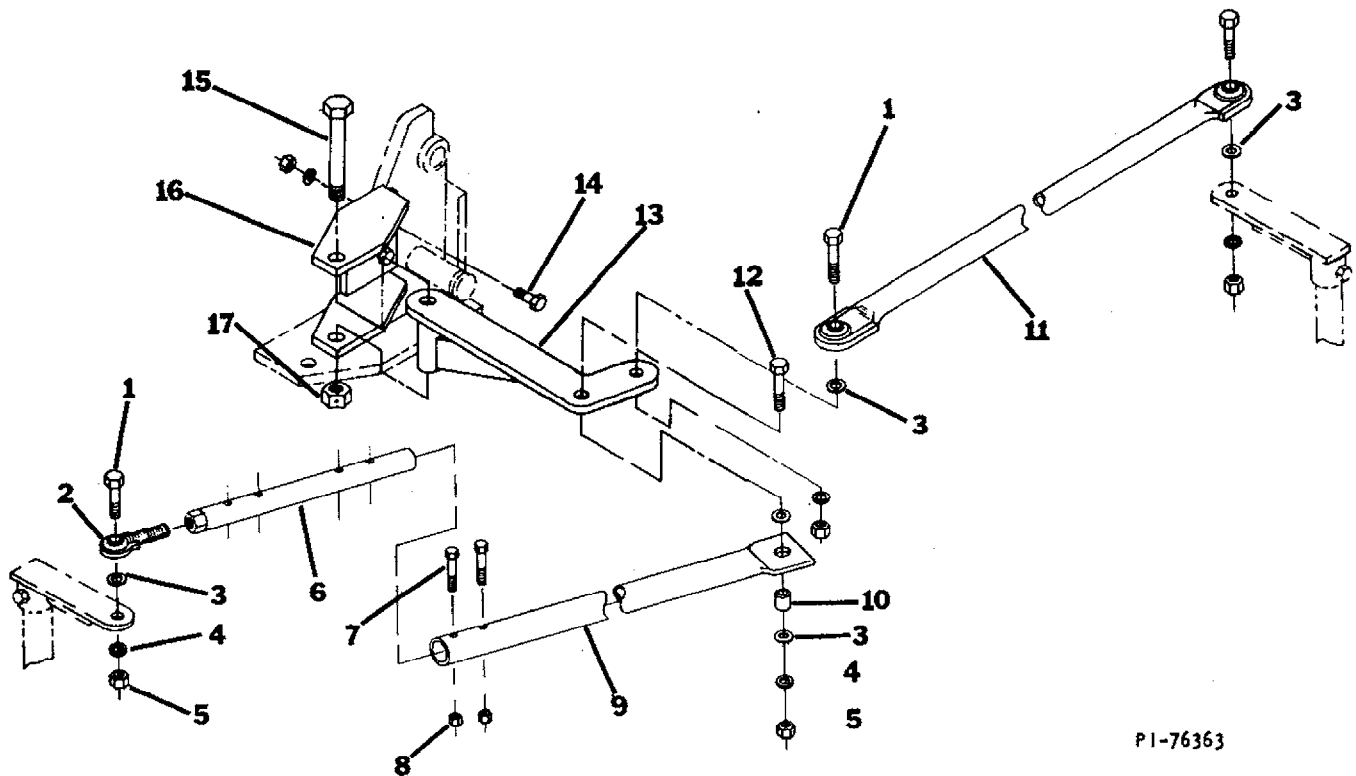


PI-76390

ITEM	P/N	DESCRIPTION
1	88111	BOLT, 3/4NC X 3-1/2 GR 5
2	13493	THREADED ROD ASSEMBLY
3	88131	FLAT WASHER, 3/4
4	88130	LOCK WASHER, 3/4
5	88110	NUT, 3/4 NC
6	15167	ADJUSTMENT ARM
7	88429	BOLT, 1/2NF X 3-1/4 GR 5
8	88304	LOCK NUT, 1/2 NF
9	NA	FRONT LINKAGE ARM (3 & 4 SMMP SER. NO. 2697 & BELOW)
	NA	FRONT LINKAGE ARM (3 & 4 SMMP)
	NA	FRONT LINKAGE ARM (5 & 6 SMMP SER. NO. 2668 & BELOW)
	18338	FRONT LINKAGE ARM (5 & 6 SMMP)
	NA	FRONT LINKAGE ARM (6 & 7 L/SMMP)

ITEM	P/N	DESCRIPTION
10	88133	COTTER PIN, 3/16 X 2
11	15179	BUSHING
12	88104	NUT, 1/2 NC
13	88303	LOCK WASHER, 1/2
14	15086	ADJUSTMENT TUBE
15	88291	BOLT, 3/4NC X 3 GR 5
16	15156	SWIVEL
17	88679	BOLT, 1/2NC X 2 GR 5
18	15177	SWIVEL BRACE
19	15387	SWIVEL BRACKET (AR)
20	88290	BOLT, 3/4NC X 2 GR 8 (AR)
	88110	NUT, 3/4NC
	88130	LOCK WASHER, 3/4

IN-FURROW STEERING LINKAGE (16" PLOW)

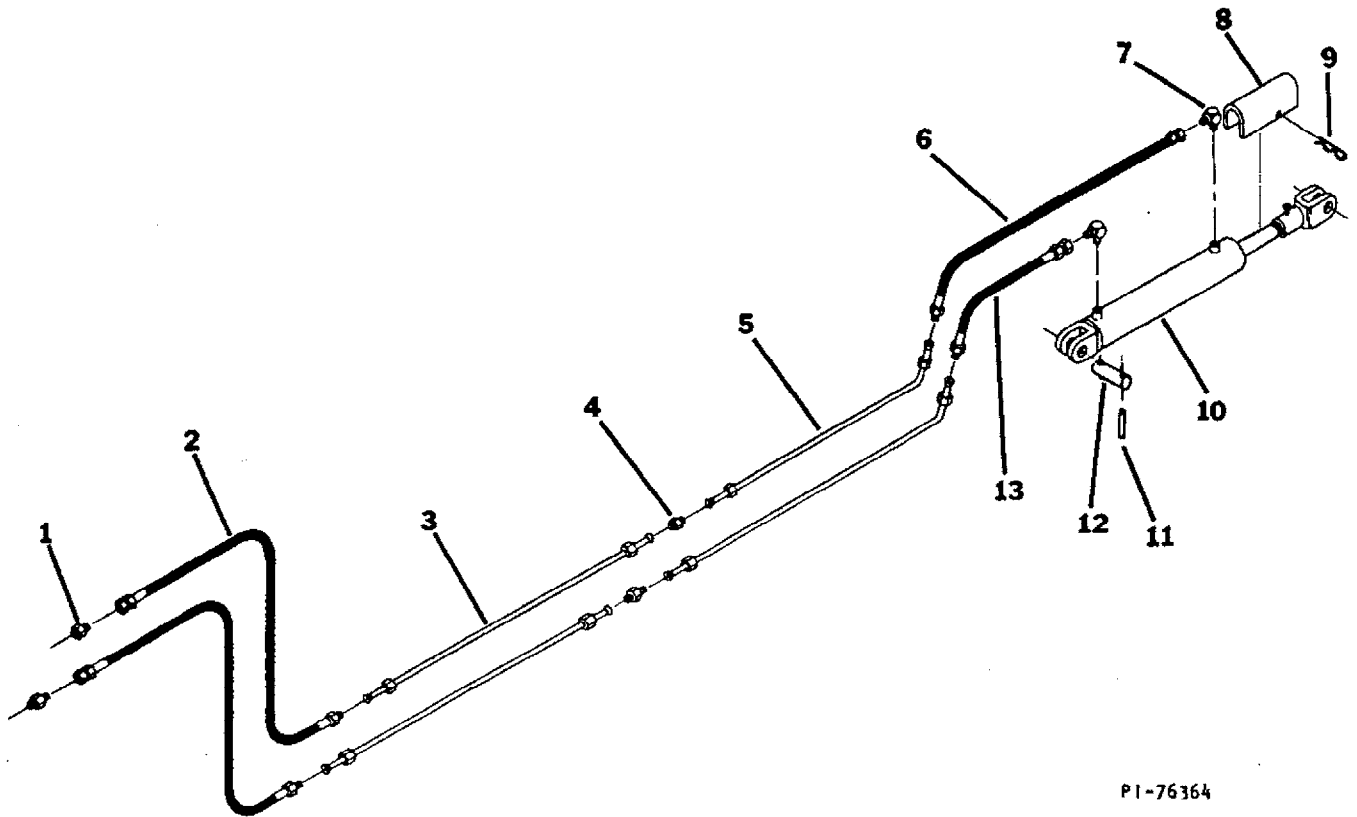


PI-76363

ITEM	P/N	DESCRIPTION
1	88111	BOLT, 3/4NC X 3-1/2 GR 5
2	13493	THREADED ROD ASSEMBLY
3	88131	FLAT WASHER, 3/4
4	88130	LOCK WASHER, 3/4
5	88110	NUT, 3/4 NC
6	NA	ADJUSTMENT ARM
7	88429	BOLT, 1/2NF X 3-1/4 GR 5
8	88304	LOCK NUT, 1/2 NF
9	NA	FRONT LINKAGE ARM 3-4 BOTTOM
	NA	FRONT LINKAGE ARM 5 BOTTOM
10	15179	BUSHING

ITEM	P/N	DESCRIPTION
11	15086	ADJUSTMENT TUBE
12	88291	BOLT, 3/4NC X 3 GR 5
13	NA	STEERING ARM ASSEMBLY
14	88290	BOLT, 3/4NC X 2 GR 8 (AR)
	88110	NUT, 3/4
	88130	LOCK WASHER, 3/4
15	88181	BOLT, 1NC X 7 GR 5
16	NA	PIVOT ASSEMBLY
17	88348	LOCK NUT, 1 NC

IN-FURROW SMMP HYDRAULICS

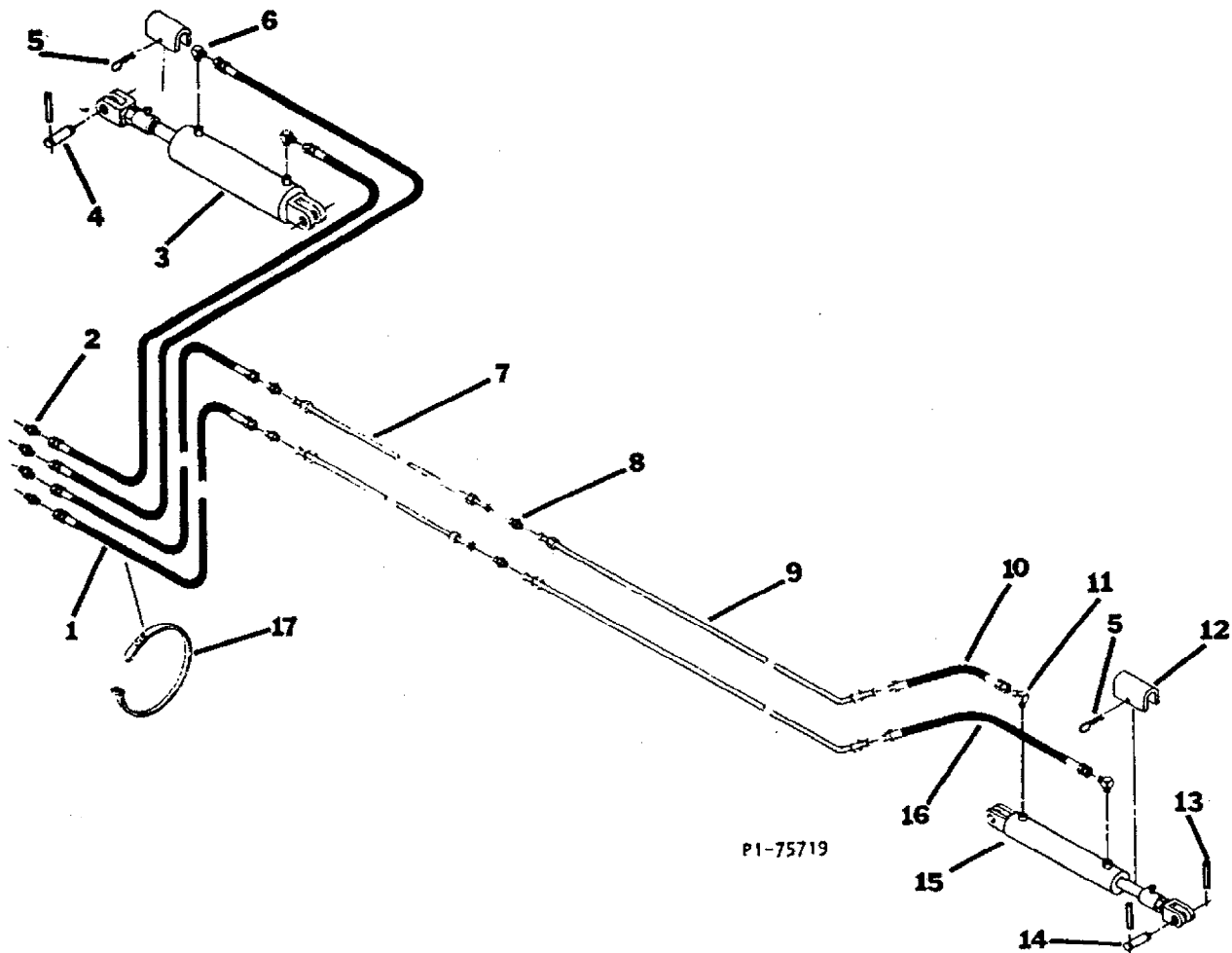


PI-76364

ITEM	P/N	DESCRIPTION
1	13234	COUPLER ADAPTER
2	13580	HOSE, 3/8X96"
3	13254	TUBE, 1/2X80" (5-18 SMMP)
	13258	TUBE, 1/2X60"+2" (5-16 SMMP)
4	13239	UNION ADAPTER (5-18 SMMP)
5	13257	TUBE, 1/2X75"+2" (3-18, 5-18, 5-16, 3-16, SMMP)
6	13260	HOSE, 3/8X24"

ITEM	P/N	DESCRIPTION
7	13235	HYDRAULIC CYLINDER PORT ELBOW
8	13681	1-1/2" CHANNEL LOCK
9	42721	SPRING LOCK PIN 1/4X5
10	51239F	3X8 SCREW STOP CYLINDER
11	42484	SPRING PIN
12	42473	CYLINDER PIN
13	13263	HOSE, 3/8X36"

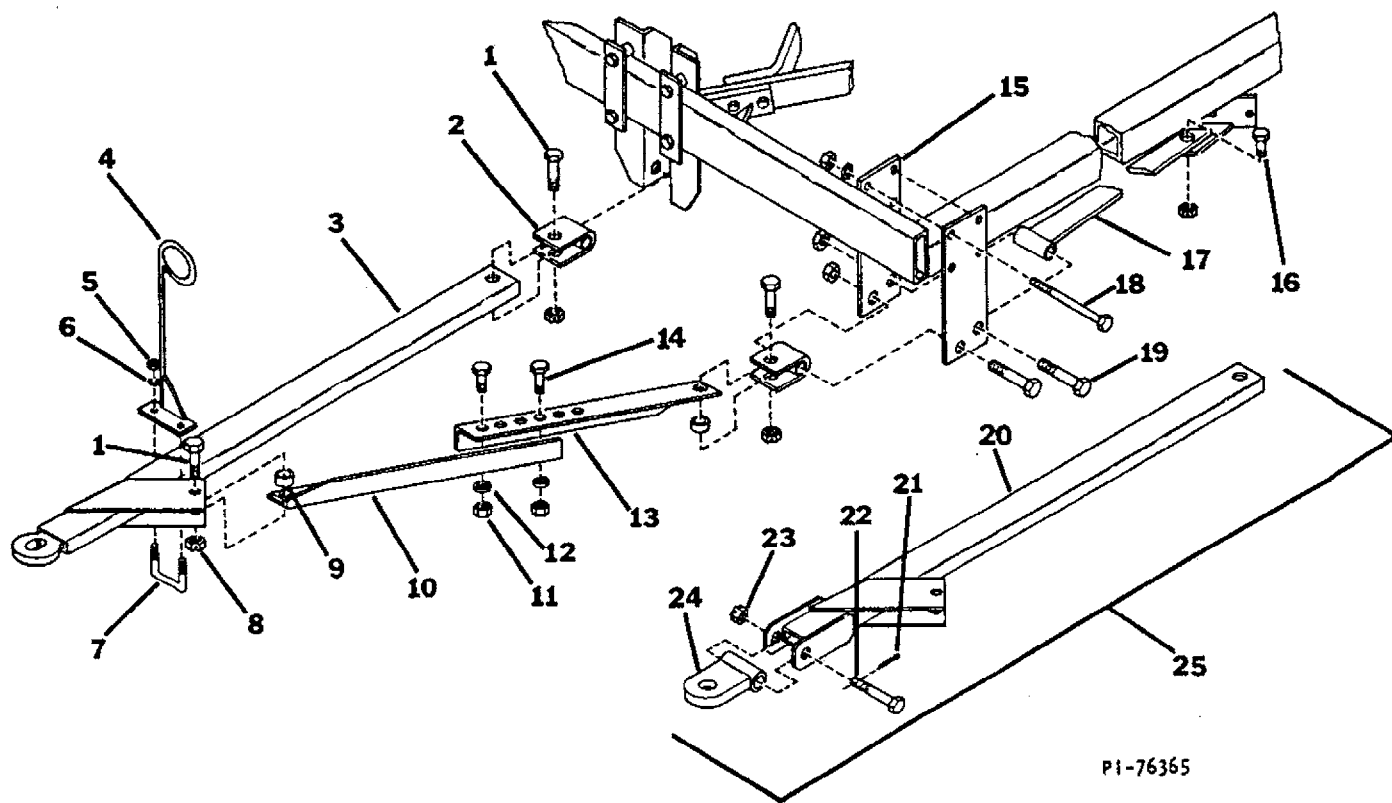
ON-LAND SMMP HYDRAULICS



ITEM	P/N	DESCRIPTION
1	13484	HOSE, 3/8X156"
2	13234	COUPLER ADAPTER
3	51227F1	4X8 CYLINDER W/SCREW STOP
4	42473	CYLINDER PIN
5	42721	SPRING LOCK PIN, 1/4X5
6	13236	1/2 CYLINDER PORT ELBOW
7	13255	TUBE, 1/2X110"
8	13239	UNION ADAPTER
9	13257	TUBE, 1/2X75"+2"

ITEM	P/N	DESCRIPTION
10	13260	HOSE, 3/8X24"
11	13235	HYDRAULIC CYLINDER PORT ELBOW
12	13681	1-1/2" CYLINDER CHANNEL LOCK
13	42484	SPRING PIN
14	42473	CYLINDER PIN
15	51239F	3X8 SCREW STOP CYLINDER
16	13263	HOSE, 3/8X36"
17	13479	4 SQUARE TIE LOOP

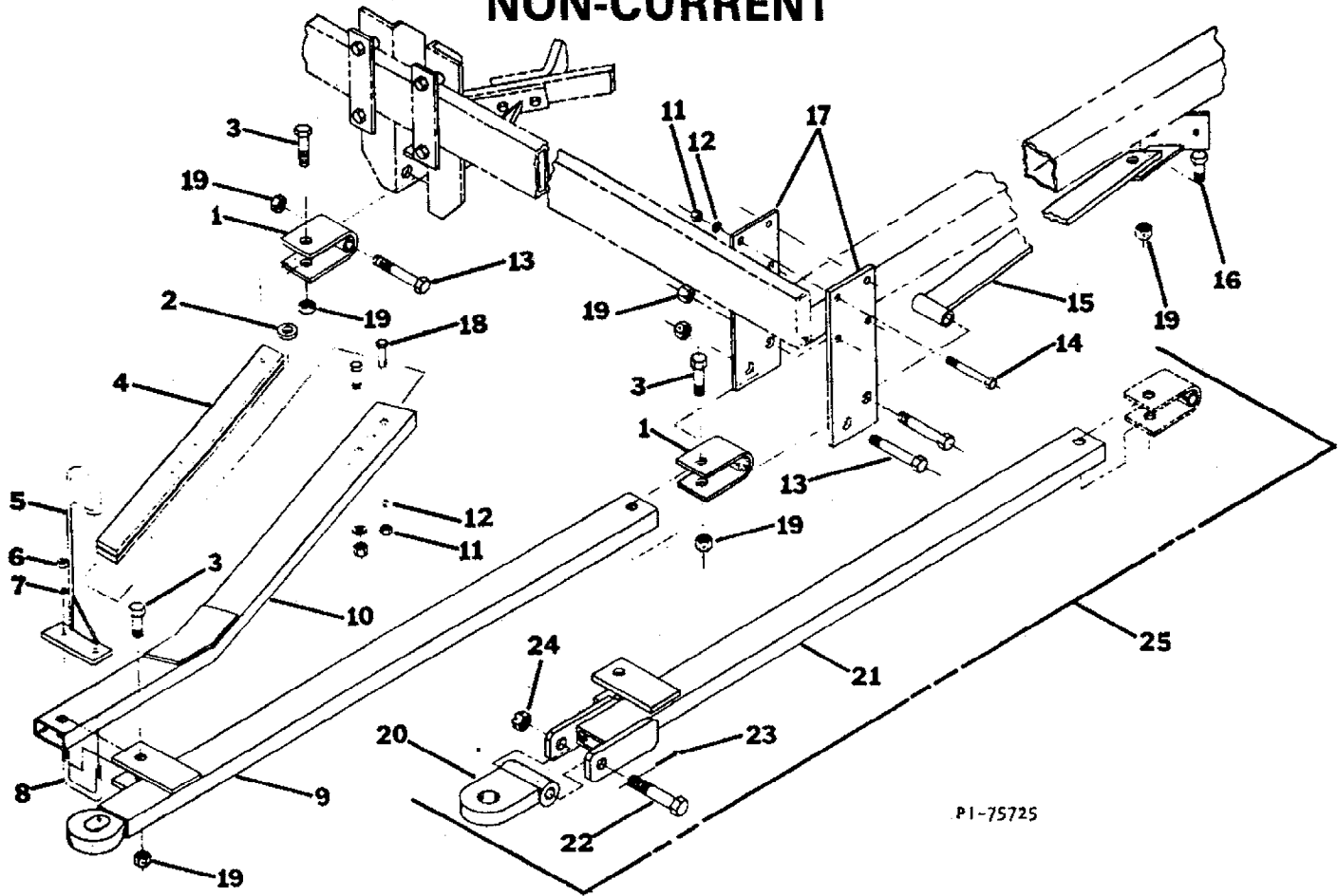
SMP HITCH



ITEM	P/N	DESCRIPTION
1	88398	BOLT, 1NC X 4 GR 5
2	14023	CLEVIS HITCH
3	NA	HITCH POLE
4	14237	HOSE BRACKET
5	88126	NUT, 5/8 NC
6	88129	LOCK WASHER, 5/8
7	88388	U-BOLT, 5/8NC X 4 X 3-1/4
8	88348	LOCK NUT, 1 NC
9	26632	BUSHING
10	18616	HITCH BRACE ASSEMBLY
11	88110	NUT, 3/4 NC
12	88130	LOCK WASHER, 3/4
13	18617	HITCH BRACE ASSEMBLY
14	88404	BOLT, 3/4NC X 2-1/2 GR 5

ITEM	P/N	DESCRIPTION
15	NA	HITCH PLATE
16	88400	BOLT, 1NC X 2 GR 5
17	NA	HITCH PULL BRACE (18")
	NA	HITCH PULL BRACE(16")
18	88293	BOLT, 3/4NC X 6 GR 5
19	88264	BOLT, 1NC X 6 GR 5
20	58332	SWIVEL HITCH POLE
21	88133	COTTER PIN, 3/16 DIA X 2
22	11638	HITCH BOLT
23	88350	SLOTTED HEX NUT, 1-1/4 NC
24	18237	CAST HITCH
25	18618	SWIVEL HITCH ASSEMBLY (WITH ITEMS 20-24)

SMP HITCH NON-CURRENT



PI-75725

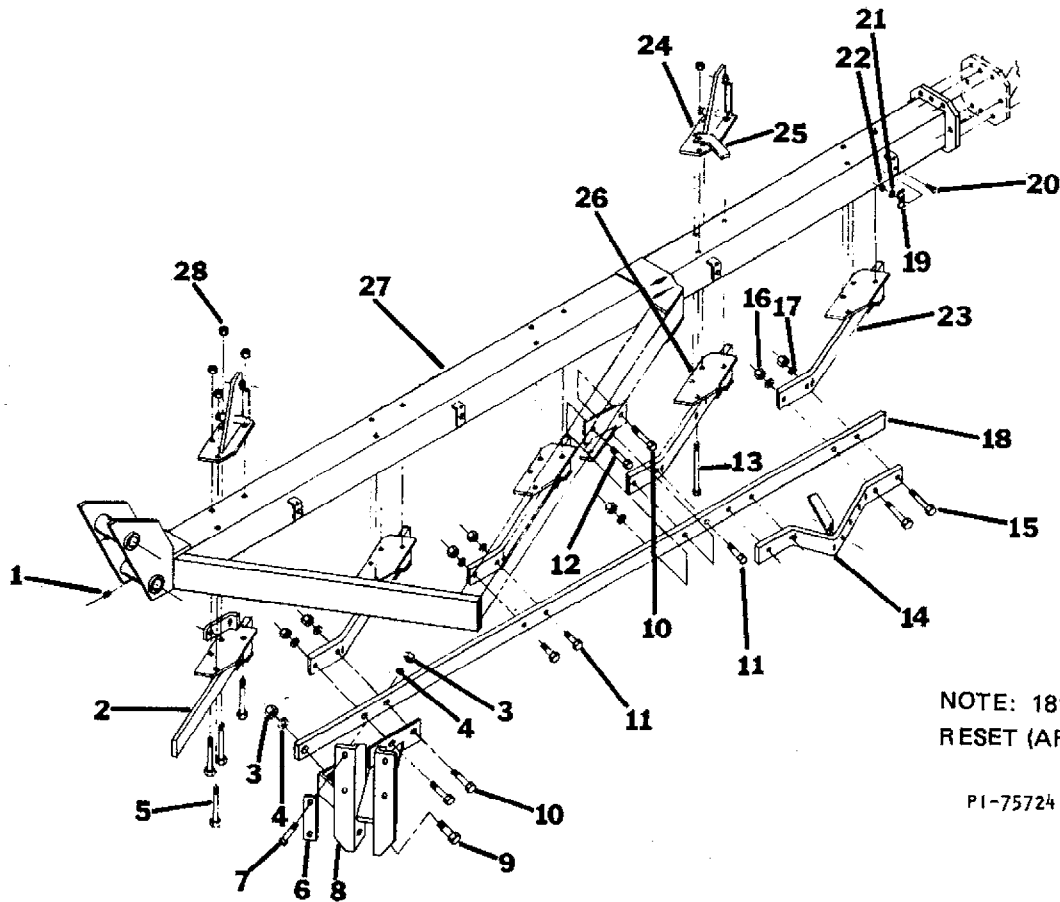
ITEM	P/N	DESCRIPTION
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1	14023	CLEVIS HITCH
2	14409	HINGE BUSHING
3	88398	BOLT, 1NC X 4 GR 5
4	14031	HITCH ADJUSTMENT
5	14237	HOSE BRACKET
6	88126	NUT, 5/8 NC
7	88129	LOCK WASHER, 5/8
8	88388	U-BOLT, 5/8NC X 4X3-1/4
9	NA	HITCH POLE
10	NA	POLE BRACE
11	88110	NUT, 3/4 NC
12	88130	LOCK WASHER, 3/4
13	88264	BOLT, 1NC X 6 GR 5

ITEM	P/N	DESCRIPTION
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14	88293	BOLT, 3/4NC X 6 GR 5
15	NA	HITCH BRACE
16	88400	BOLT, 1NC X 2 GR 5
17	NA	HITCH PLATE
18	88291	BOLT, 3/4NC X 3 GR 5
19	88348	LOCK NUT, 1 NC
20	NA	CAT HITCH
21	NA	SWIVEL HITCH POLE
22	11638	HITCH BOLT
23	88133	COTTER PIN, 3/16 DIA X 2
24	88350	SLOTTED HEX NUT, 1-1/4 NC
25	NA	SWIVEL HITCH (REF. ITEMS 20-24)

5 BOTTOM SMP FRAMES



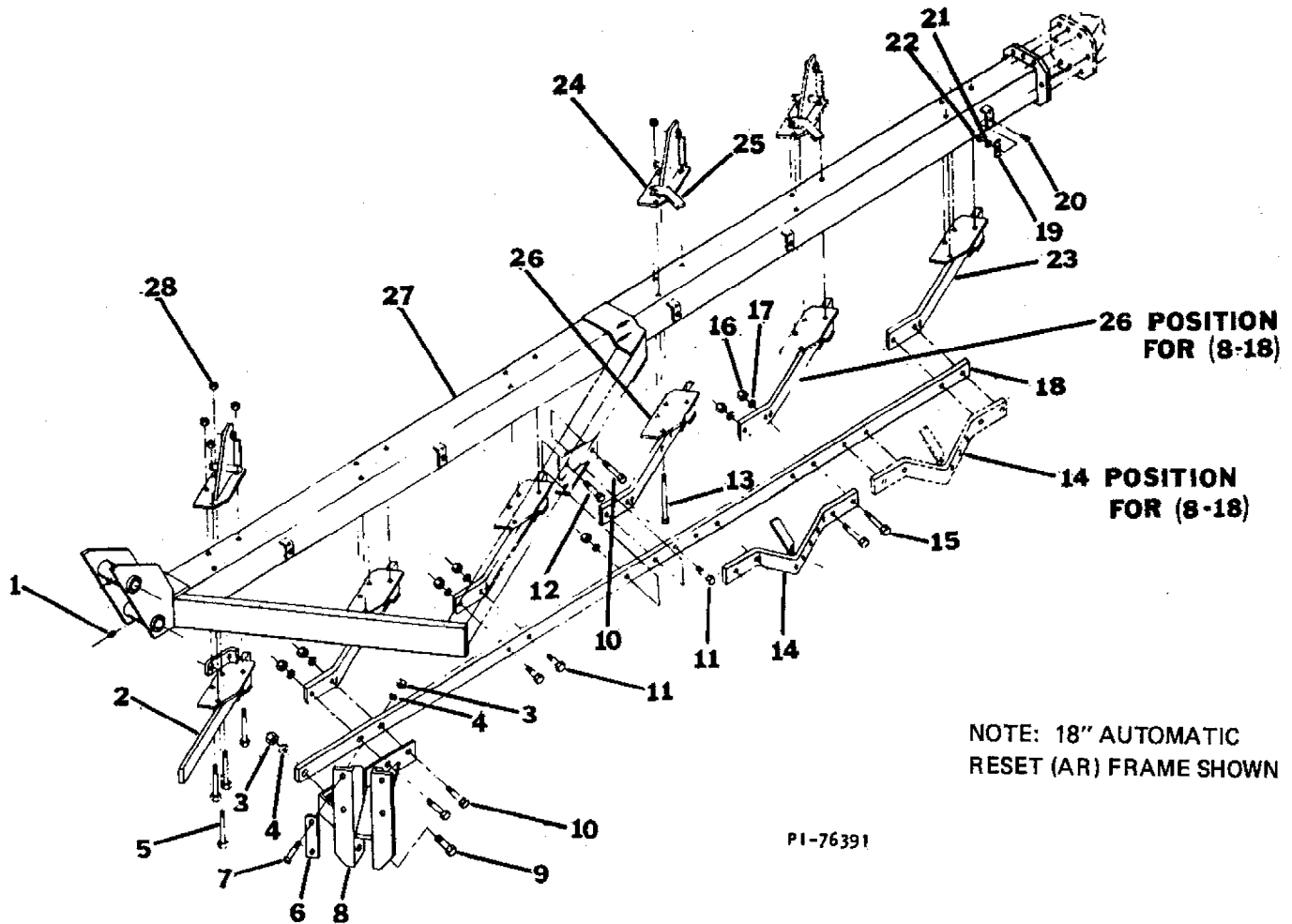
NOTE: 18" AUTOMATIC
RESET (AR) FRAME SHOWN

PI-75724

ITEM	P/N	DESCRIPTION
1	88550	GREASE FITTING, 1/4 NF
2	15983	FRONT BOTTOM PIVOT (AR)
	15122	FRONT BOTTOM PIVOT (SB)
3	88110	NUT, 3/4 NC
4	88130	LOCK WASHER, 3/4
5	88487	BOLT 3/4 X 8-1/2 HEX NC
6	14186	HITCH TUBE PLATE
7	88272	BOLT, 3/4NC X 4 GR 5
8	NA	RIGHT HITCH ASSEMBLY (18'')
	NA	RIGHT HITCH ASSEMBLY (16'')
9	88291	BOLT, 3/4NC X 3 GR 5
10	88292	BOLT, 5/8NC X 3-1/2 GR 5
11	88408	BOLT, 5/8NC X 3 GR 5
12	88409	BOLT, 5/8NC X 2-1/2 GR 5
13	88402	BOLT, 3/4NC X 9 GR 5
14	14192	LANDWHEEL BRACKET (18'')
	NA	LANDWHEEL BRACKET (16'')
15	88298	BOLT, 5/8NC X 4 GR 5

ITEM	P/N	DESCRIPTION
16	88126	NUT, 5/8 NC
17	88129	LOCK WASHER, 5/8
18	NA	5-18 SMP&HMP FRONT TIE BAR
	NA	5-16 SMP TIE BAR
19	13215	TUBE CLAMP
20	88553	BOLT, 3/8NCx1-1/2 GR5
21	88362	LOCK WASHER, 3/8
22	88103	NUT, 3/8 NC
23	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
24	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
25	14194	LANDWHEEL BRACE
26	NA	LAND PIVOT (AR)
	NA	SHEAR LAND PIVOT (SB)
27	NA	5-18 SMP MAIN FRAME
	NA	5-16 SMP MAIN FRAME
28	88356	LOCK NUT, 3/4 NC

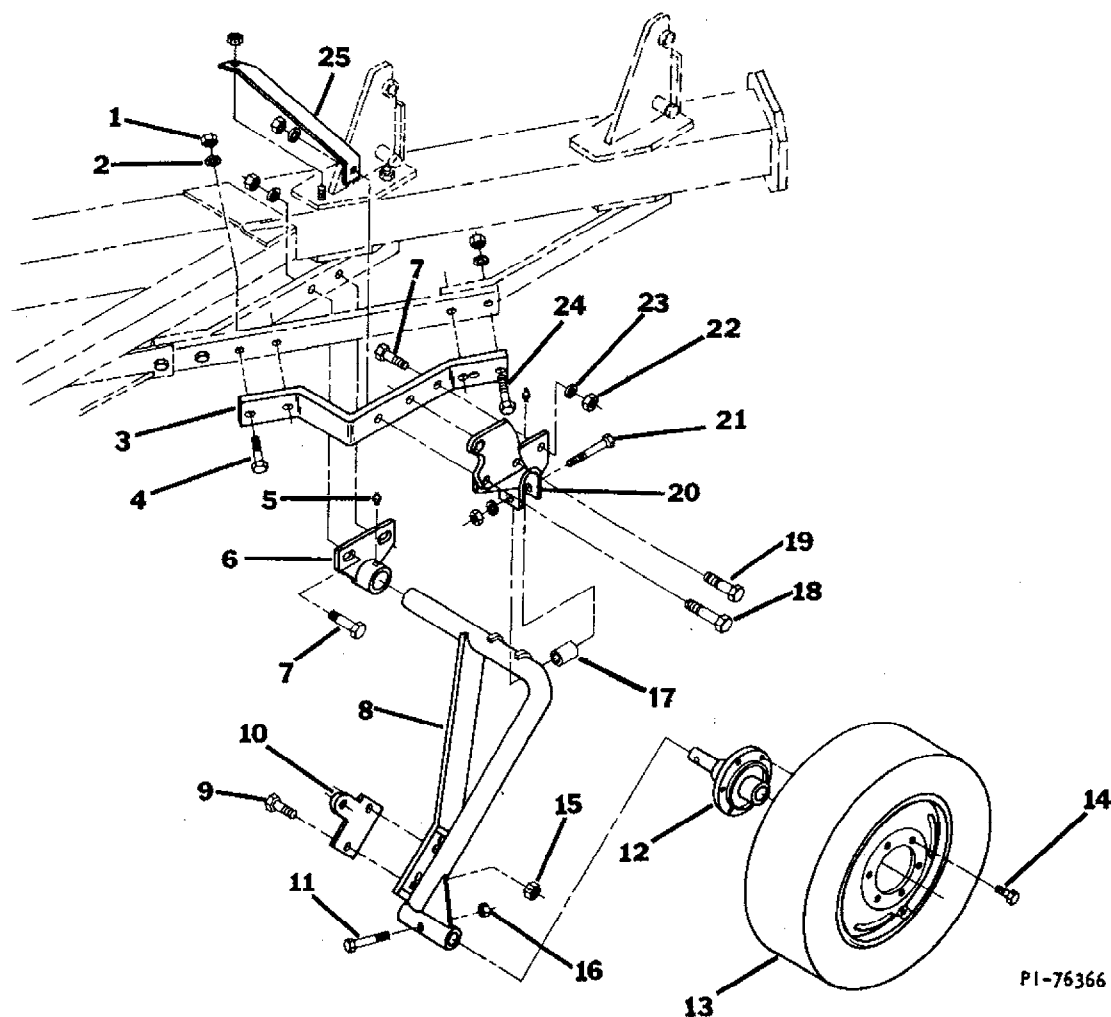
6 BOTTOM SMP FRAME (NON-CURRENT)



PI-76391

ITEM	P/N	DESCRIPTION
1	88550	GREASE FITTING, 1/4 NF
2	15983	FRONT BOTTOM PIVOT
	15122	FRONT BOTTOM PIVOT (SB)
3	88110	NUT, 3/4 NC
4	88130	LOCK WASHER, 3/4
5	88487	BOLT 3/4 X 8-1/2 HEX NC
6	14186	HITCH TUBE PLATE
7	88272	BOLT, 3/4NC X 4 GR 5
8	NA	RIGHT HITCH ASSEMBLY
9	88291	BOLT, 3/4NC X 3 GR 5
10	88292	BOLT, 5/8NC X 3-1/2 GR 5
11	88408	BOLT, 5/8NC X 3 GR 5
12	88409	BOLT, 5/8NC X 2-1/2 GR 5
13	88402	BOLT, 3/4NC X 9 GR 5
14	14192	LANDWHEEL BRACKET
15	88298	BOLT, 5/8NC X 4 GR 5
16	88126	NUT, 5/8 NC
17	88129	LOCK WASHER, 5/8
18	NA	18\"
19	13215	TUBE CLAMP
20	88553	BOLT, 3/8NC X 1-1/2 GR 5
21	88362	LOCK WASHER, 3/8
22	88103	NUT, 3/8 NC
23	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
24	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
25	14194	LANDWHEEL BRACE
26	NA	LAND PIVOT
	NA	SHEAR LAND PIVOT
27	NA	18\"
28	88356	LOCK NUT, 3/4 NC

SMP LANDWHEEL



PI-76366

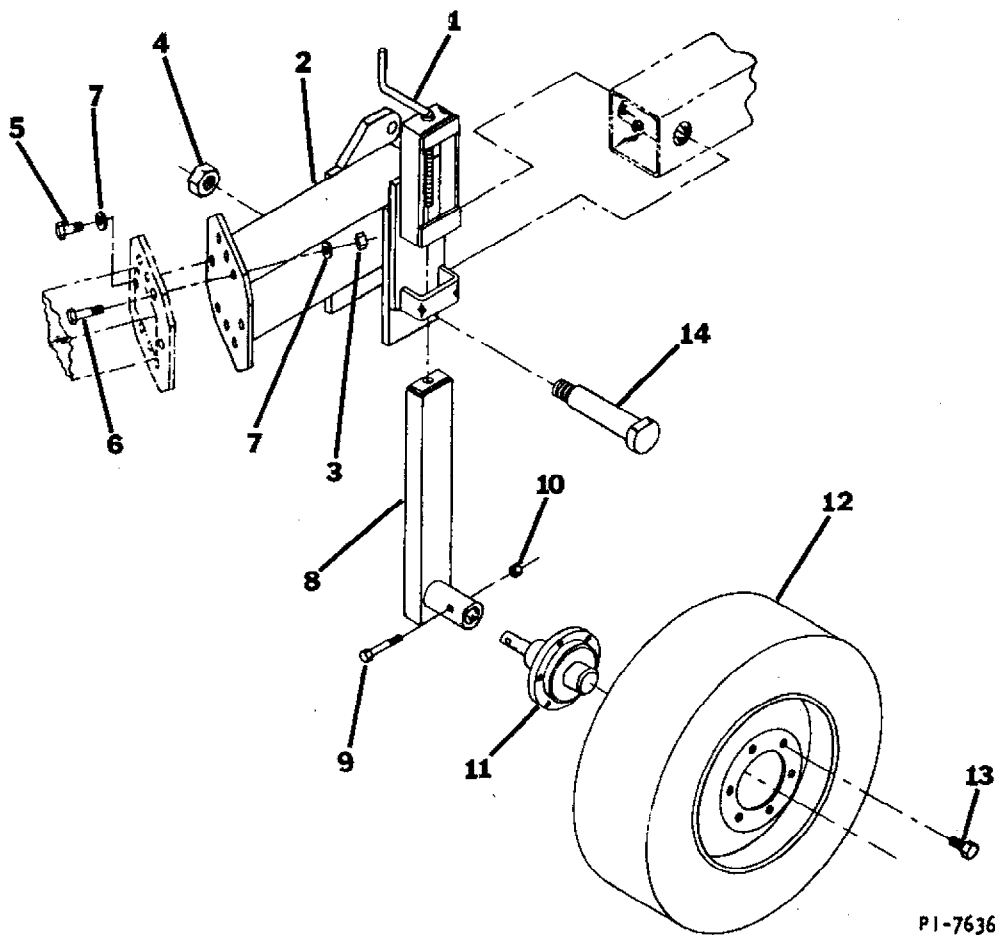
ITEM	P/N	DESCRIPTION
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1	88126	NUT, 5/8 NC
2	88129	LOCK WASHER, 5/8
3	14192	LANDWHEEL BRACKET 18"
	NA	LANDWHEEL BRACKET 16"
4	88408	BOLT, 5/8NC X 3 GR 5
5	88550	GREASE FITTING, 1/4 NF
6	26387	INNER BEARING STAND
7	88404	BOLT, 3/4NC X 2-1/2 GR 5
8	14101	LANDWHEEL ASSEMBLY
9	88291	BOLT, 3/4NC X 3 GR 5
10	13522	SPECIAL CYLINDER ANCHOR
11	88429	BOLT, 1/2NF X 3-1/4 GR 5
12	14131	2" HUB & SPINDLE
13	14201	WHEEL RIM, 16X8 6 BOLT BWHT
	14202	TIRE, 11L X 16 6 PLY
	14203	TUBE, 11L X 16

ITEM	P/N	DESCRIPTION
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14	88142	WHEEL BOLT, 1/2NF X 1
15	88356	LOCK NUT, 3/4 NC
16	88304	LOCK NUT, 1/2 NF
17	14205	AXLE BUSHING
18	88272	BOLT, 3/4NC X 4 GR 5
19	88111	BOLT, 3/4NC X 3-1/2 GR 5
20	19602	CYLINDER ANCHOR ASSEMBLY
21	88381	BOLT, 5/8NC X 4-1/2 GR 5
22	88110	NUT, 3/4 NC
23	88130	LOCK WASHER, 3/4
24	88298	BOLT, 5/8NC X 4 GR 5
25	14194	LANDWHEEL BRACE

GAUGE WHEEL

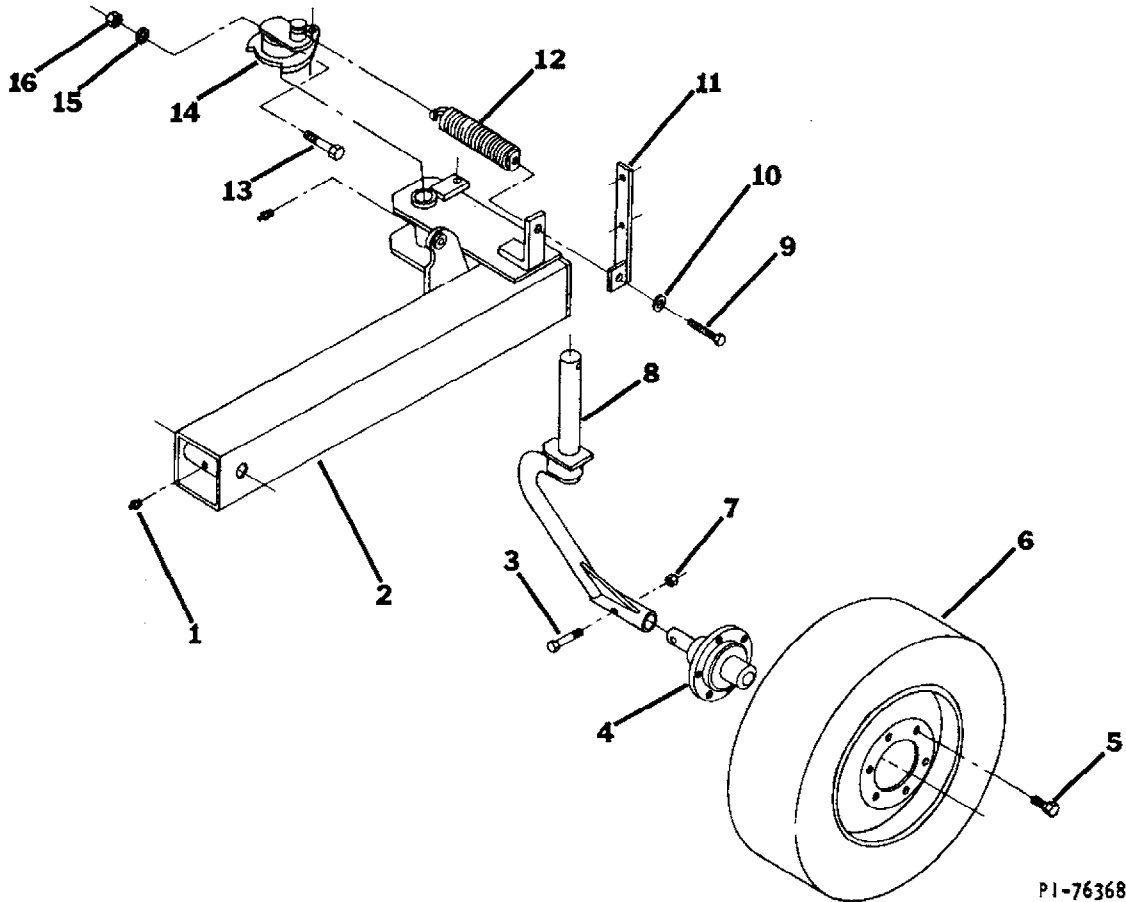


PI-76367

ITEM	P/N	DESCRIPTION
1	14452	CRANK ASSEMBLY
2	16046	TAILWHEEL EXTENSION
3	88110	NUT, 3/4 NC
4	42082	LOCK JAM NUT, 1-1/2 NF
5	88405	BOLT, 3/4NC X 1-3/4 GR 5
6	88404	BOLT, 3/4NC X 2-1/2 GR 5
7	88130	LOCK WASHER, 3/4
8	14085	GAUGE WHEEL LEG

ITEM	P/N	DESCRIPTION
9	88313	BOLT, 1/2NF X 3 GR 5
10	88304	LOCK NUT, 1/2 NF
11	41233	1-3/4\" HUB & SPINDLE
12	10236	WHEEL RIM, 15X6 6 BOLT BWHT
	16287	TIRE, 9:5L X 15 6 PLY
	NA	TUBE, 760/9:5L X 15 M 15
13	88142	WHEEL BOLT, 1/2NF X 1
14	14187	TAILWHEEL PIN

SMP LOCKING TAILWHEEL



PI-76368

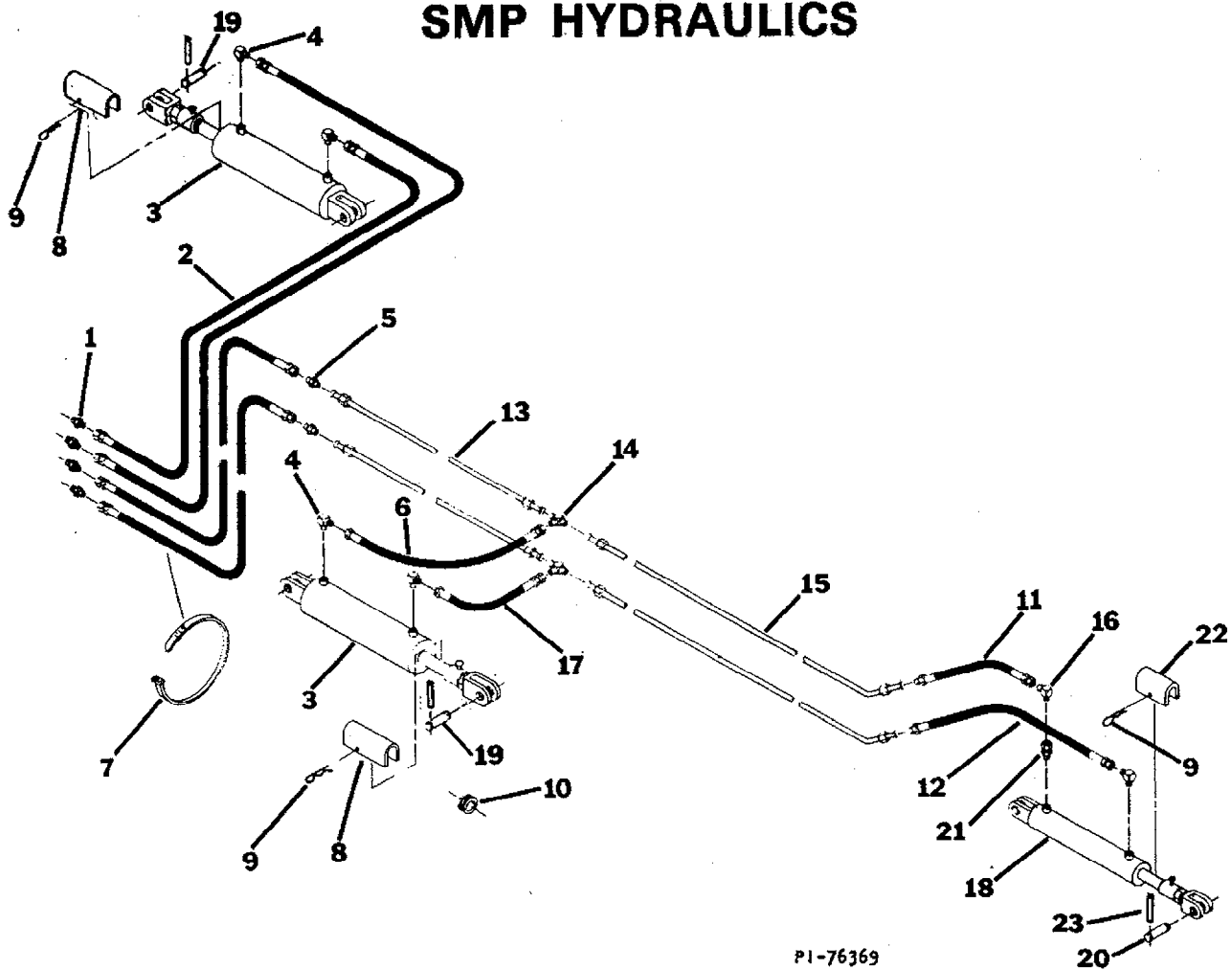
ITEM	P/N	DESCRIPTION
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1	88550	GREASE FITTING, 1/4 NF
2	16089	SMP TAILWHEEL FRAME
3	88429	BOLT, 1/2NF X 3-1/4 GR 5
4	14131	2" HUB & SPINDLE
5	88142	WHEEL BOLT, 1/2NF X 1
6	10236	WHEEL RIM, 15X6 6 BOLT BWHT
	16287	TIRE, 9:5L X 15 6 PLY
	NA	TUBE, 9:5L X 15 M15
7	88304	LOCK NUT, 1/2 NF

ITEM	P/N	DESCRIPTION
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8	57977	SMP REAR FURROW WHEEL
9	14340	BOLT, ADJUSTMENT 5/8 X 4
10	88277	FLATWASHER, 5/8
11	41359	SMV BRACKET
12	15403	SPRING CASTING ASSMEBLY
13	88272	BOLT, 3/4NC X 4 GR 5
14	16039	LOCKING SPRING LEVER
15	88130	LOCK WASHER, 3/4
16	88110	NUT, 3/4 NC

SMP HYDRAULICS

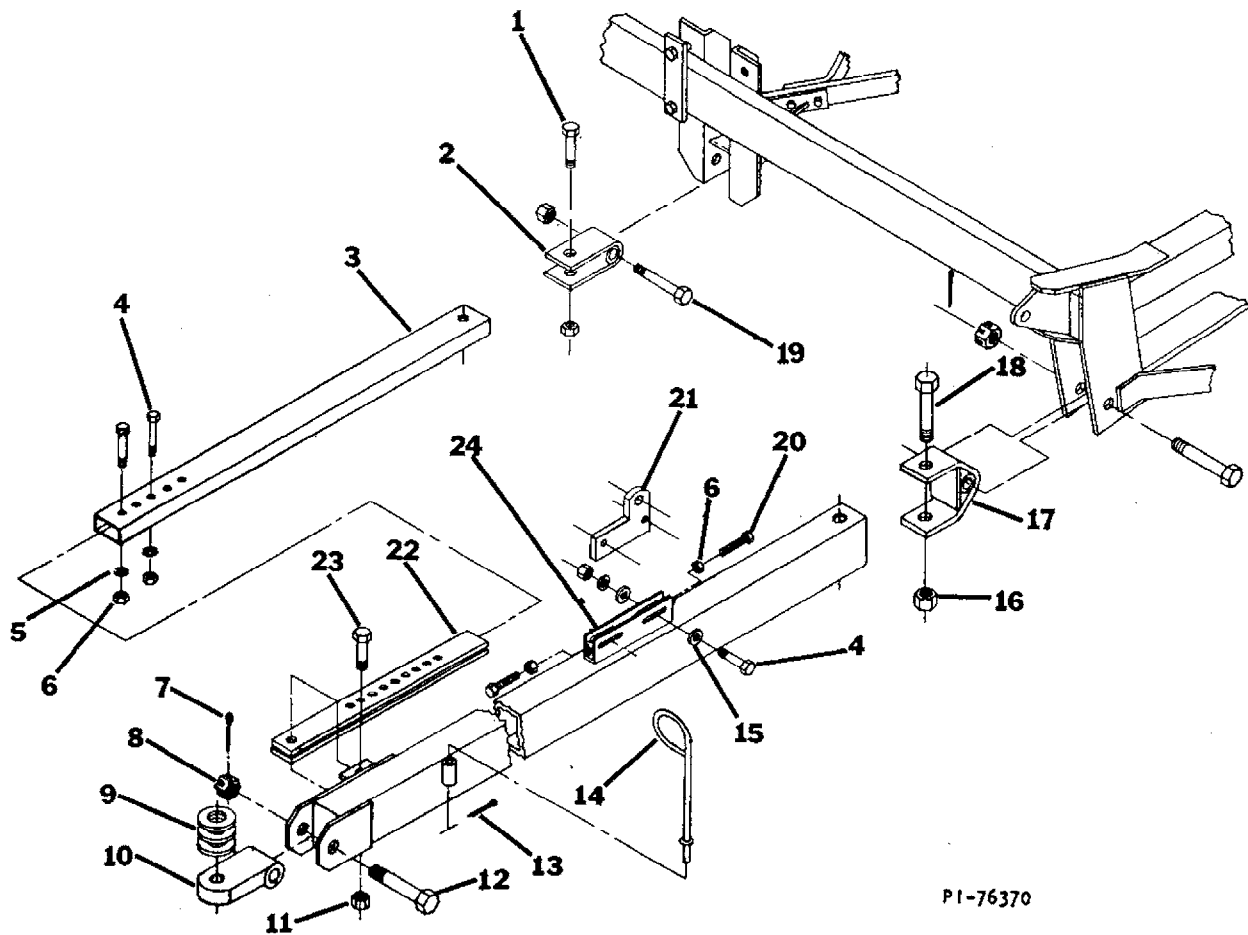


P1-76369

ITEM	P/N	DESCRIPTION
1	13234	COUPLER ADAPTER
2	13484	HOSE, 3/8 X 156"
3	51227F1	4X8 CYLINDER W/SCREW STOP
4	13236	1/2 CYLINDER PORT ELBOW
5	13239	UNION ADAPTER
6	13265	HOSE, 3/8X56 FF
7	13479	4 SQUARE TIE LOOP
8	13681	1-1/2 CHANNEL LOCK
9	42721	SPRING LOCK PIN 1/4X4-3/4
10	15113	1-1/2 STOP COLLAR
11	13263	HOSE, 3/8X36" (18")
	13264	HOSE, 3/8X48" (16")
12	13264	HOSE, 3/8X48" (18")
	13266	HOSE, 3/8X60" (16")

ITEM	P/N	DESCRIPTION
13	13255	TUBE, 1/2X110" (18")
	13286	TUBE, 1/2X94"+2" (16")
14	13238	3/8 TUBE TEE
15	13257	TUBE, 1/2X75"+2" (18")
	13287	TUBE, 1/2X38" (16")
16	13235	3/8 CYLINDER PORT ELBOW
17	14851	HOSE, 3/8X 42"
18	51238F1	3X6 CYLINDER W/SCREW STOP
19	42473	CYLINDER PIN
20	42473	CYLINDER PIN
21	14267	PORT RESTRICTOR
22	16370	3X6 CHANNEL LOCK
23	42484	SPRING LOCK PIN

HMP HITCH



PI-76370

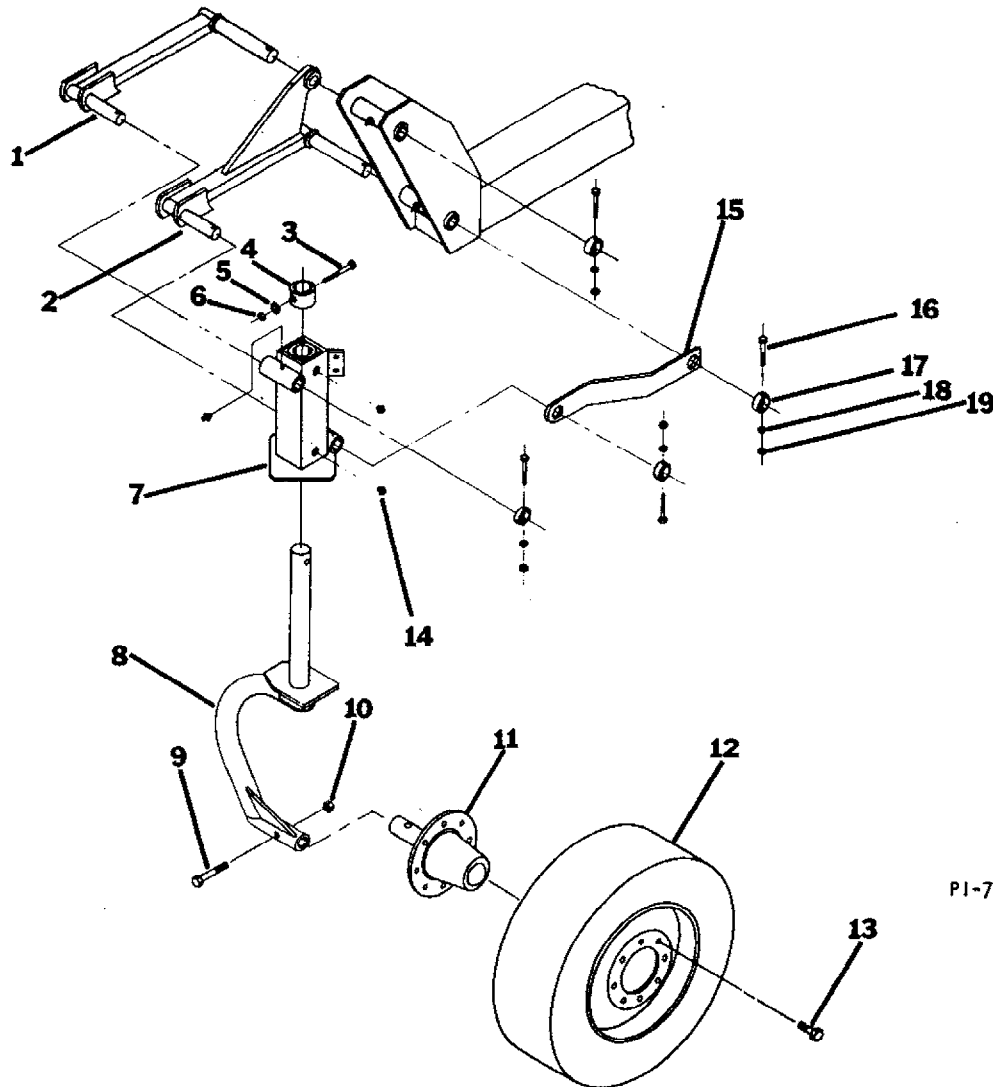
ITEM	P/N	DESCRIPTION
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1	88398	BOLT, 1NC X 4 GR 5
2	14023	CLEVIS HITCH
3	14790	HITCH BRACE
4	88291	BOLT, 3/4NC X 3 GR 5
5	88130	LOCK WASHER, 3/4
6	88110	NUT, 3/4 NC
7	88133	COTTER PIN, 3/16X 2
8	88350	SLOTTED NUT, 1-1/4 NC
9	19262	SHIM (2-1/16" ID, 4" OD)
10	18237	CAST HITCH
11	88348	LOCK NUT, 1 NC
12	11638	HITCH BOLT
13	88301	COTTER PIN, 3/16X1-1/2

ITEM	P/N	DESCRIPTION
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14	21527	HOSE BRACKET ASSEMBLY
15	88131	FLAT WASHER, 3/4
16	88430	LOCK NUT, 1-1/4 NC
17	14290	HITCH CLEVIS
18	88428	BOLT, 1-1/4NC X 9 GR 5
19	88264	BOLT, 1NC X 6 GR 5
20	10210	ADJUSTMENT BOLT
21	10171	CYLINDER ANCHOR
22	14031	HITCH ADJUSTMENT
23	88447	BOLT, 1NC X 3-1/2 GR 5
24	14336	MAIN HITCH
	20456	EXTENDED MAIN HITCH HMP (OPTIONAL)

HMP & DHMP FURROW WHEEL

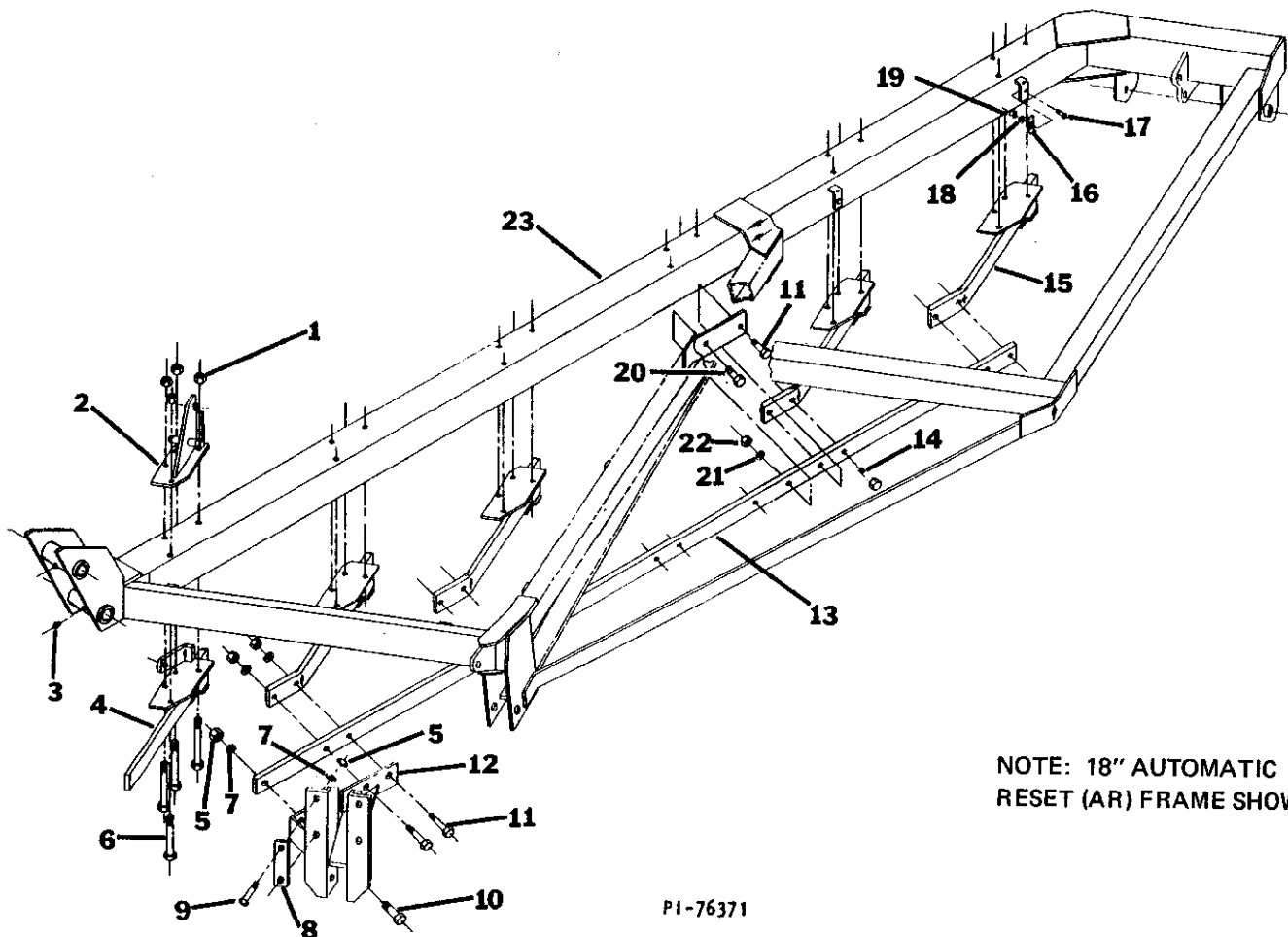


PI-75720

ITEM	P/N	DESCRIPTION
1	19620	UPPER LINK ARM
2	19619	LOWER LINK ARM
3	88272	BOLT, 3/4NC X 4
4	16009	STOP COLLAR
5	88130	LOCK WASHER, 3/4
6	88110	HEX NUT, 3/4 NC
7	16069	FURROW WHEEL PIVOT
8	16190	FURROW WHEEL AXLE (HD)
9	88298	BOLT, 5/8NF X 4 GR 5
10	88369	LOCK NUT, 5/8 NF
11	16154	2-1/2" HUB & SPINDLE

ITEM	P/N	DESCRIPTION
12	203196	WHEEL RIM, 15X8, 8 BOLT BWHT
	29066	TIRE, 11L X 15 6 PLY
	NA	TUBE, 9:5LX15
13	63831	WHEEL BOLT, 9/16NF X 1
14	88550	GREASE FITTING, 1/4 NF
15	14190	LINK ARM BRACE
16	88412	BOLT, 3/8NC X 3-1/2
17	14189	LINK ARM COLLAR
18	88362	LOCK WASHER, 3/8
19	88103	NUT, 3/8 NC

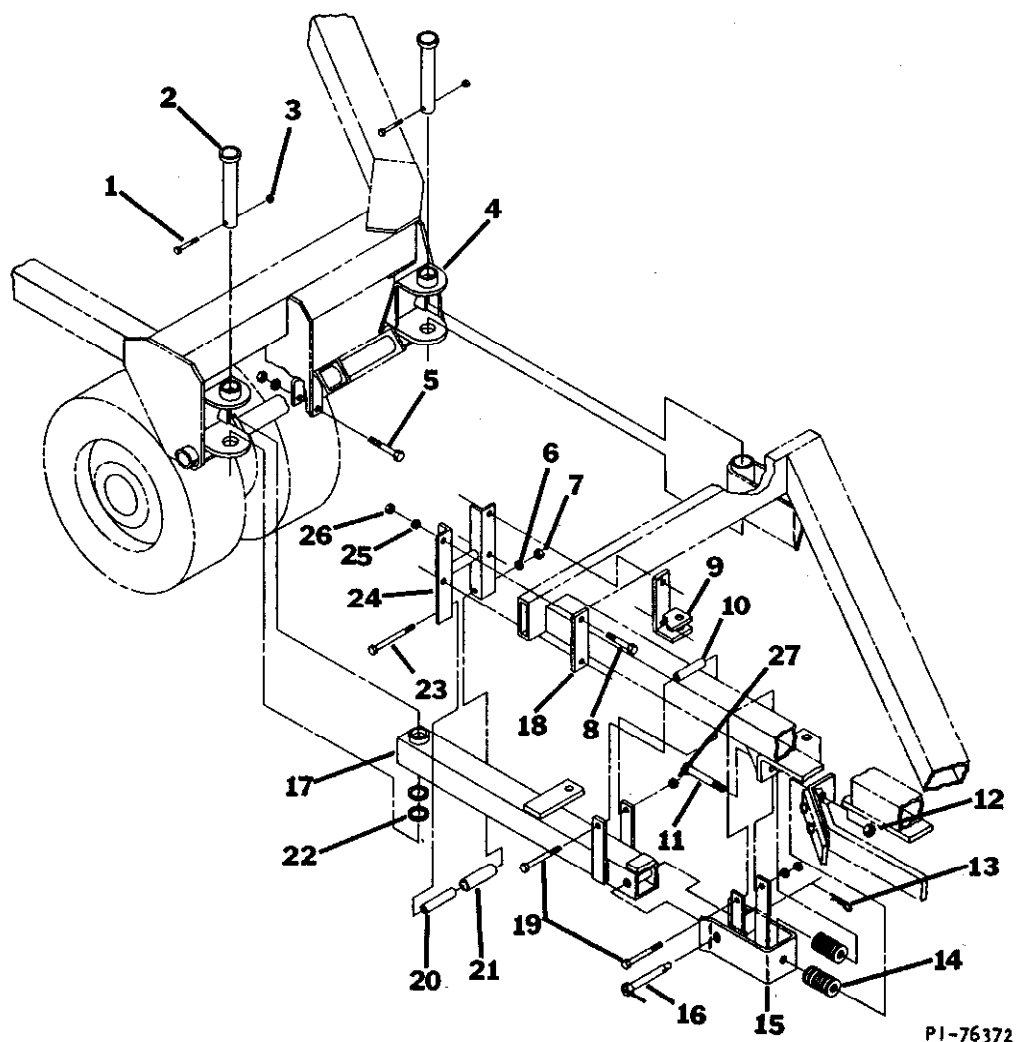
6 BOTTOM HMP FRONT FRAME



ITEM	P/N	DESCRIPTION
1	88356	LOCK NUT, 3/4 NC
2	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
3	88550	GREASE FITTING, 1/4 NF
4	15983	FRONT BOTTOM PIVOT (AR)
	15122	SHEAR FRONT BOTTOM PIVOT (SB)
5	88110	NUT, 3/4 NC
6	88487	BOLT 3/4 X 8-1/2 HEX NC
7	88130	LOCK WASHER, 3/4
8	14186	HITCH TUBE PLATE
9	88272	BOLT, 3/4NC X 4 GR 5
10	88291	BOLT, 3/4NC X 3 GR 5
11	88292	BOLT, 5/8NC X 3-1/2 GR 5

ITEM	P/N	DESCRIPTION
12	NA	HITCH BRACE ASSEMBLY
13	NA	6-18 FRONT TIE BAR
14	88408	BOLT, 5/8NC X 3 GR 5
15	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
16	13215	TUBE CLAMP
17	88553	BOLT, 3/8NCx1-1/2 GR5
18	88362	LOCK WASHER, 3/8
19	88103	NUT, 3/8 NC
20	88409	BOLT, 5/8NC X 2-1/2 GR 5
21	88129	LOCK WASHER, 5/8
22	88126	NUT, 5/8 NC
23	NA	6-18 FRONT FRAME

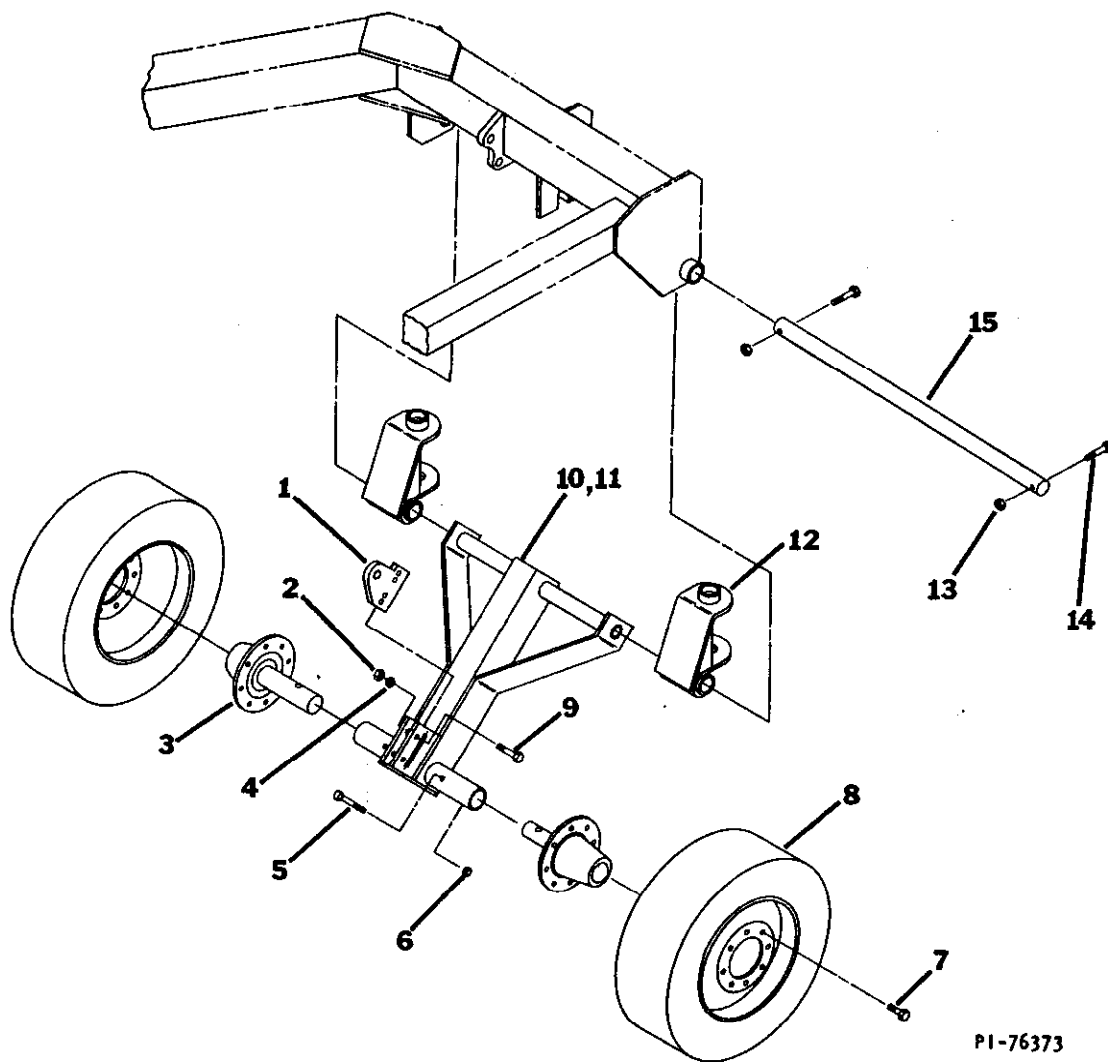
HMP HINGE



ITEM	P/N	DESCRIPTION
1	88429	BOLT, 1/2NF X 3-1/4 GR 5
2	14319	PIN, PIVOT (2 X 10-5/32)
3	88304	HEX LOCK NUT, 1/2 NF
4	16496	HINGE BRACKET
5	88305	BOLT, 3/4NC X 5 GR 5
6	88129	LOCK WASHER, 5/8
7	88126	HEX NUT, 5/8 NC
8	88272	BOLT, 3/4NC X 4 GR 5
9	18008	STOP PLATE
10	18141	ROLLER TUBE, 1-1/4OD X 3-7/8LG
11	88264	BOLT, 1NC X 6 GR 5
12	88348	LOCK NUT, 1 NC
13	88352	SPRING LOCK PIN
14	88196	FLAT WASHER, 1"

ITEM	P/N	DESCRIPTION
15	16493	YOKE BRACKET
16	41580	PIN, CLEVIS (1 X 6)
17	16491	PULL TUBE ASSEMBLY
18	14186	HITCH TUBE PLATE
19	88295	BOLT, 5/8NC X 6 GR 5
20	16477	TUBE, 1"OD X 5-1/2LG
21	16476	TUBE, 1-5/8" OD X 5-3/8
22	14084	COLLAR, 2-1/16 ID
23	88383	BOLT, 5/8NC X 7 GR 5
24	18007	TUBE HANGER
25	88130	LOCK WASHER, 3/4
26	88110	HEX NUT, 3/4 NC
27	88369	LOCK NUT, 5/8 NC

HMP DUAL LANDWHEEL

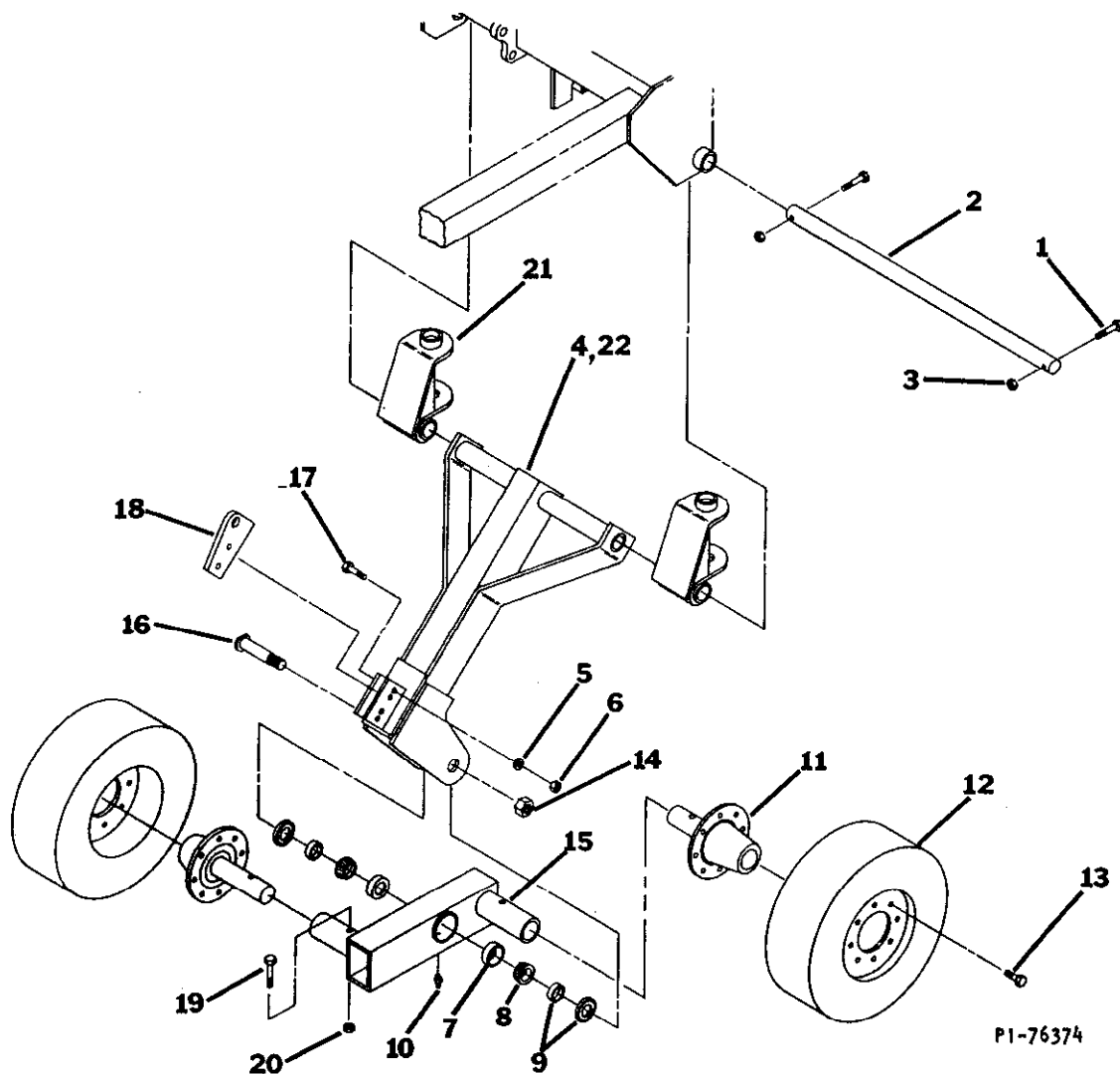


PI-76373

ITEM	P/N	DESCRIPTION
1	NA	CYLINDER ANCHOR
2	88110	NUT, 3/4 NC
3	16154	2-1/2" HUB & SPINDLE
4	88130	LOCK WASHER, 3/4
5	88298	BOLT, 5/8NC X 4 GR 5
6	88369	LOCK NUT, 5/8 NC
7	88456	WHEEL BOLT, 9/16NF X 1
8	203196	WHEEL RIM, 15X8 8 BOLT BWHT
	29066	TIRE, 11L X 15 6 PLY
	NA	TUBE, 95L X 15

ITEM	P/N	DESCRIPTION
9	88291	BOLT, 3/4NC X 3 GR 5
10	NA	LAND AXLE
11	NA	DUAL LANDAXLE GROUP (REF. ITEMS 1, 2, 4, 9, 10)
12	16496	HINGE BRACKET
13	88304	LOCK NUT, 1/2 NF
14	88429	BOLT, 1/2NF X 3-1/4 GR 5
15	18006	LAND PIVOT SHAFT

HMP WALKING TANDEM LANDWHEEL

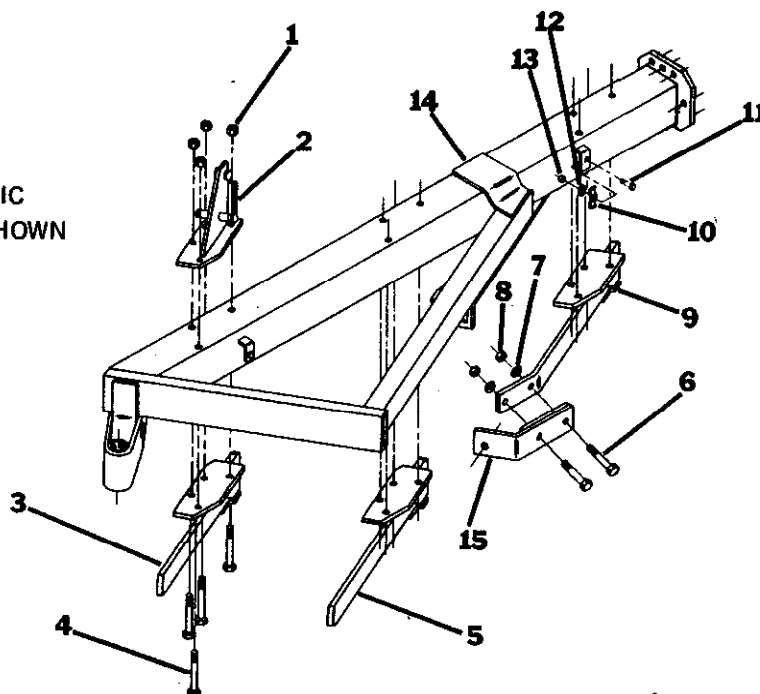


ITEM	P/N	DESCRIPTION
1	88429	BOLT, 1/2NF X 3-1/4 GR 5
2	18006	LAND PIVOT SHAFT
3	88304	LOCK NUT, 1/2 NF
4	NA	TANDEM LAND AXLE LEG
5	88130	LOCK WASHER, 3/4
6	88110	NUT, 3/4 NC
7	12104	BEARING CUP
8	12103	SEALED BEARING CONE
9	26397	MP WALKING TANDEM SEAL KIT
10	88528	GREASE FITTING 1/8 NPT X 1-1/4
11	16154	2-1/2" HUB & SPINDLE
12	203196	WHEEL RIM, 15X8 8 BOLT BWHT
	29066	TIRE, 11L X 15 6 PLY
	NA	TUBE, 9:5L X 15

ITEM	P/N	DESCRIPTION
13	88456	WHEEL BOLT, 9/16NF X 1
14	42082	JAM LOCK NUT, 1-1/2 NF
15	16376	2-1/2X18 WTA ASSEMBLY (INCLUDES ITEMS 7 & 10)
16	16277	WALKING TANDEM PIN
17	88291	BOLT, 3/4NC X 3 GR 5
18	14883	CYLINDER ANCHOR
19	88298	BOLT, 5/8NC X 4 GR 5
20	88369	LOCK NUT, 5/8 NC
21	16496	HINGE BRACKET
22	16380	TANDEM LAND AXLE GROUP (REF. ITEMS 4-10, 14-18)

3 BOTTOM HMP REAR FRAMES

NOTE: 18" AUTOMATIC
RESET (AR) FRAME SHOWN

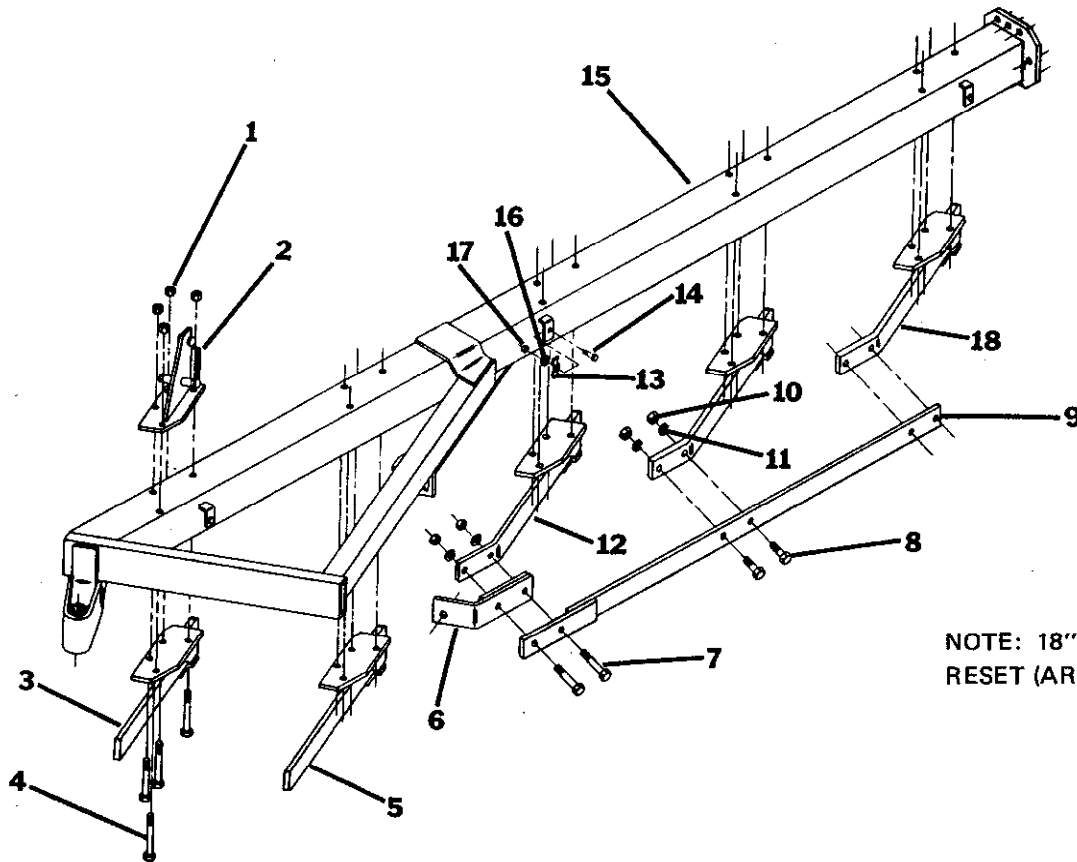


PI-76375

ITEM	P/N	DESCRIPTION
1	88356	LOCK NUT, 3/4 NC
2	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
3	15981	SPLIT BOTTOM PIVOT (AR)
	NA	SHEAR SPLIT BOTTOM PIVOT (SB)
4	88487	BOLT 3/4 X 8-1/2 HEX NC
5	15982	HINGE BOTTOM PIVOT (AR)
	NA	SHEAR HINGE BOTTOM PIVOT (SB)
6	88408	BOLT, 5/8NC X 3 GR 5
7	88129	LOCK WASHER, 5/8
8	88126	NUT, 5/8 NC
9	15979	BOTTOM PIVOT (AR) (18")
	15120	SHEAR BOTTOM PIVOT (SB) (18")

ITEM	P/N	DESCRIPTION
	NA	BOTTOM PIVOT ASSEMBLY (AR) (16")
	NA	SHEAR BOTTOM PIVOT ASSEMBLY (SB) (16")
10	13215	TUBE CLAMP
11	88553	BOLT, 3/8NCx1-1/2 GR5
12	88362	LOCK WASHER, 3/8
13	88103	NUT, 3/8 NC
14	NA	3-18 REAR FRAME
	NA	3-16 REAR FRAME
15	NA	ANCHOR PLATE ASSEMBLY (18" ONLY)

5 BOTTOM HMP REAR FRAMES



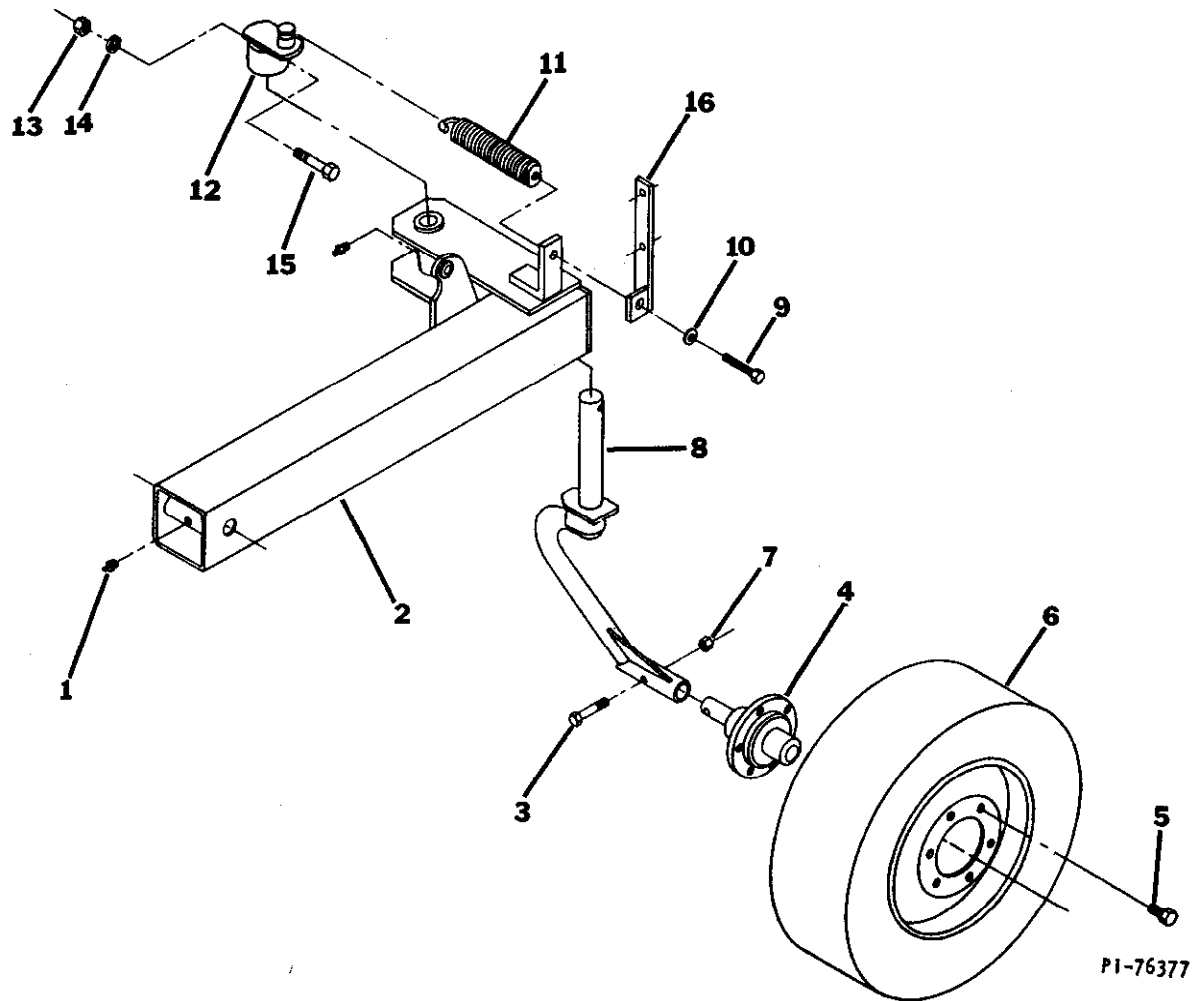
NOTE: 18" AUTOMATIC
RESET (AR) FRAME SHOWN

PI-76376

ITEM	P/N	DESCRIPTION
1	88356	LOCK NUT, 3/4 NC
2	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
3	15981	SPLIT BOTTOM PIVOT (AR)
	NA	SHEAR SPLIT BOTTOM PIVOT (SB)
4	88487	BOLT (3/4 x 8-1/2)
5	15982	HINGE BOTTOM PIVOT (AR)
	NA	SHEAR HINGE BOTTOM PIVOT (SB)
6	NA	ANCHOR PLATE ASSEMBLY (18" ONLY)
7	88298	BOLT, 5/8NC X 4 GR 5
8	88408	BOLT, 5/8NC X 3 GR 5
9	14208	18" TWO BOTTOM EXTENSION
	NA	ASSEMBLY
	NA	5 HMP TIE BAR (16")

ITEM	P/N	DESCRIPTION
10	88126	NUT, 5/8 NC
11	88129	LOCK WASHER, 5/8
12	15979	BOTTOM PIVOT (18")
	15120	SHEAR BOTTOM PIVOT (SB) (18")
	NA	BOTTOM PIVOT ASSEMBLY (16")
	NA	SHEAR BOTTOM PIVOT ASSEMBLY (SB) (16")
13	13215	TUBE CLAMP
14	88553	BOLT, 3/8NCx1-1/2 GR5
15	58329	5-18 REAR FRAME
	NA	5-16 HMP REAR FRAME
16	88362	LOCK WASHER, 3/8
17	88103	NUT, 3/8 NC
18	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)

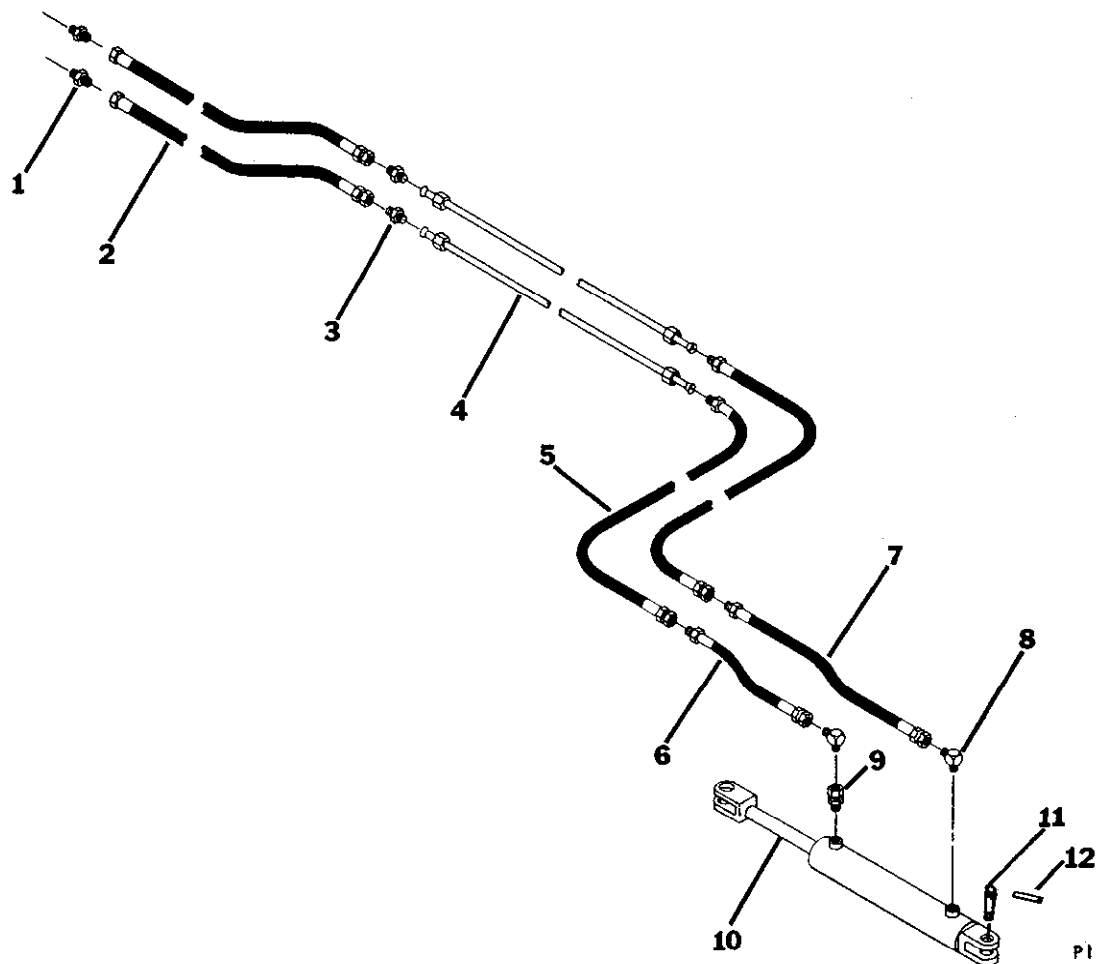
FREE TAILWHEEL



ITEM	P/N	DESCRIPTION
1	88550	GREASE FITTING, 1/4 NF
2	16089	HINGED TAILWHEEL ASSEMBLY
3	88429	BOLT, 1/2NF X 3-1/4 GR 5
4	14131	2" HUB & SPINDLE
5	88142	WHEEL BOLT, 1/2NF X 1
6	10236	WHEEL RIM, 15X6 6 BOLT BWHT
	16287	TIRE, 9:5L X 15 6 PLY
	NA	TUBE, 760/9:5L X 15 M15
7	88304	LOCK NUT, 1/2 NF

ITEM	P/N	DESCRIPTION
8	57977	SMP REAR FURROW WHEEL
9	14340	BOLT, ADJUSTMENT (5/8 X 4)
10	88277	FLAT WASHER, 5/8
11	15403	SPRING CASTING ASSEMBLY
12	16041	SPRING LEVER
13	88110	NUT, 3/4 NC
14	88130	LOCK WASHER, 3/4
15	88272	BOLT, 3/4NC X 4 GR 5
16	41359	SMV MOUNTING BRACKET

HMP TRANSPORT FOLD KIT



PI-76379

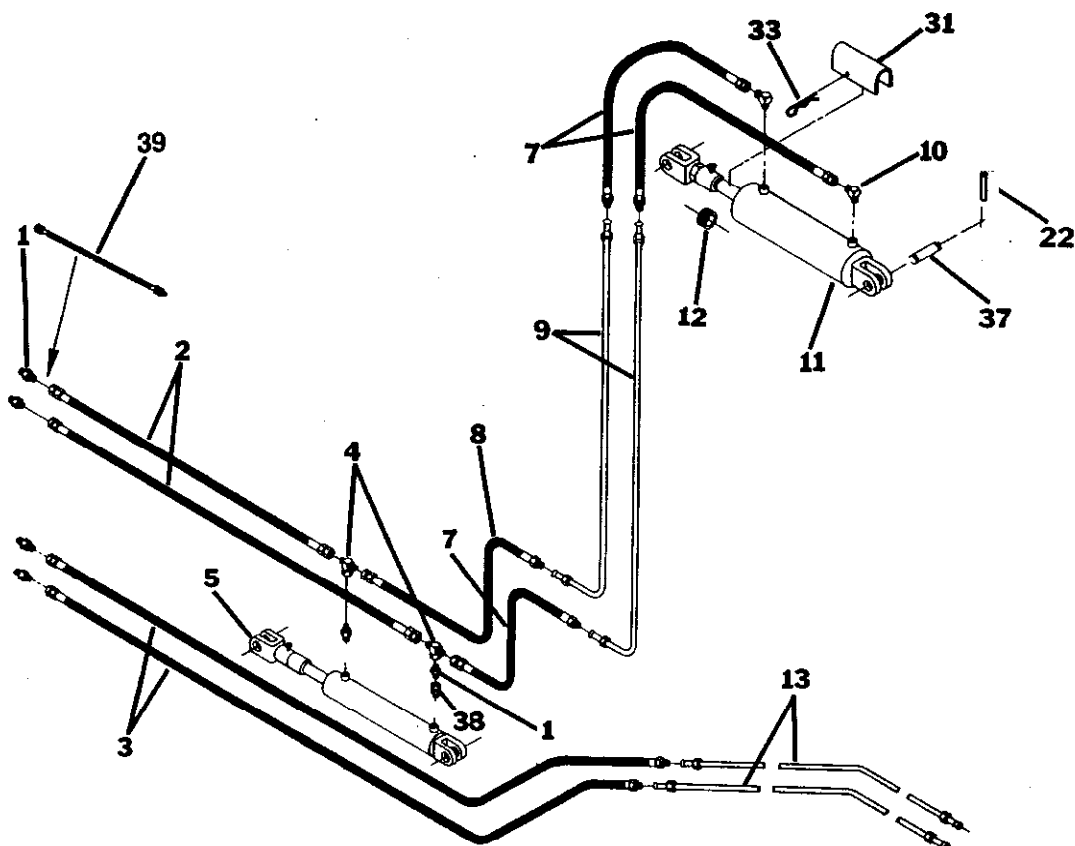
ITEM	P/N	DESCRIPTION
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	18076	5-18 HMP TRANSPORT FOLD KIT
	18077	6-18 HMP TRANSPORT FOLD KIT
1	13234	COUPLER ADAPTER
2	13484	HOSE, 3/8 X 156"
3	13239	UNION ADAPTER
4	13255	TUBE, 1/2 X 110"
5	13580	HOSE, 3/8 X 96"

ITEM	P/N	DESCRIPTION
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6	13263	HOSE, 3/8 X 36" (6-18 FRONT FRAME ONLY)
7	13259	HOSE, 3/8 X 18" (5-18 FRONT FRAME)
	13264	HOSE, 3/8 X 48" (6-18 FRONT FRAME)
8	13235	PORT ELBOW
9	14267	PORT RESTRICTOR
10	51240F	3 X 12 CYLINDER
11	42473	CYLINDER PIN
12	42484	SPRING LOCK PIN

HMP HYDRAULICS



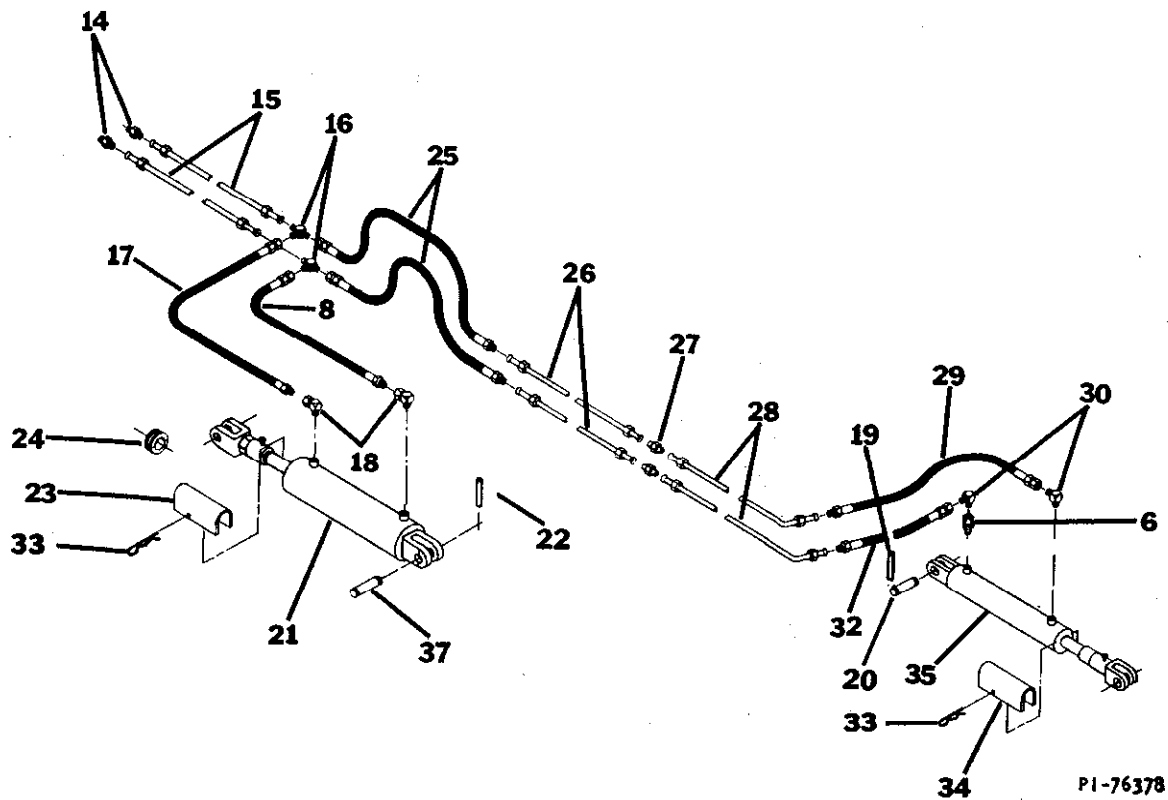
P1-76378

ITEM	P/N	DESCRIPTION
1	15960	STRAIGHT ADAPTER MALE
2	15955	HOSE, 1/2 X 120"
3	15952	HOSE, 1/2 X 156"
4	15963	SWIVEL TEE OUTLET
5	51228F	4X6 WITH EXTENDED COLLAR CYLINDER
6	14267	PORT RESTRICTOR
7	15956	HOSE, 1/2 X 18"
8	15953	HOSE, 1/2 X 24"
9	15957	TUBE, 5/8 X 60"+2"
10	15962	90 MALE ELBOW
11	51227F1	4X8 CYLINDER WITH SCREW STOP
12	15113	1-1/2" STOP COLLAR
13	21943	TUBE, 5/8 X 108" + 5" (5&6-18")
	NA	TUBE, 5/8 X 93" + 5" (5-16")
14	15961	STRAIGHT TUBE UNION
15	21944	TUBE, 5/8 X 57" (6-18")
	21945	TUBE, 5/8 X 21" (5-18")
	NA	TUBE, 5/8 X 13" (5-16")
16	15964	TUBE TEE
17	15954	HOSE, 1/2 X 36"
18	15965	SWIVEL ELBOW
19	42484	SPRING LOCK PIN
20	42473	PIN, CYLINDER

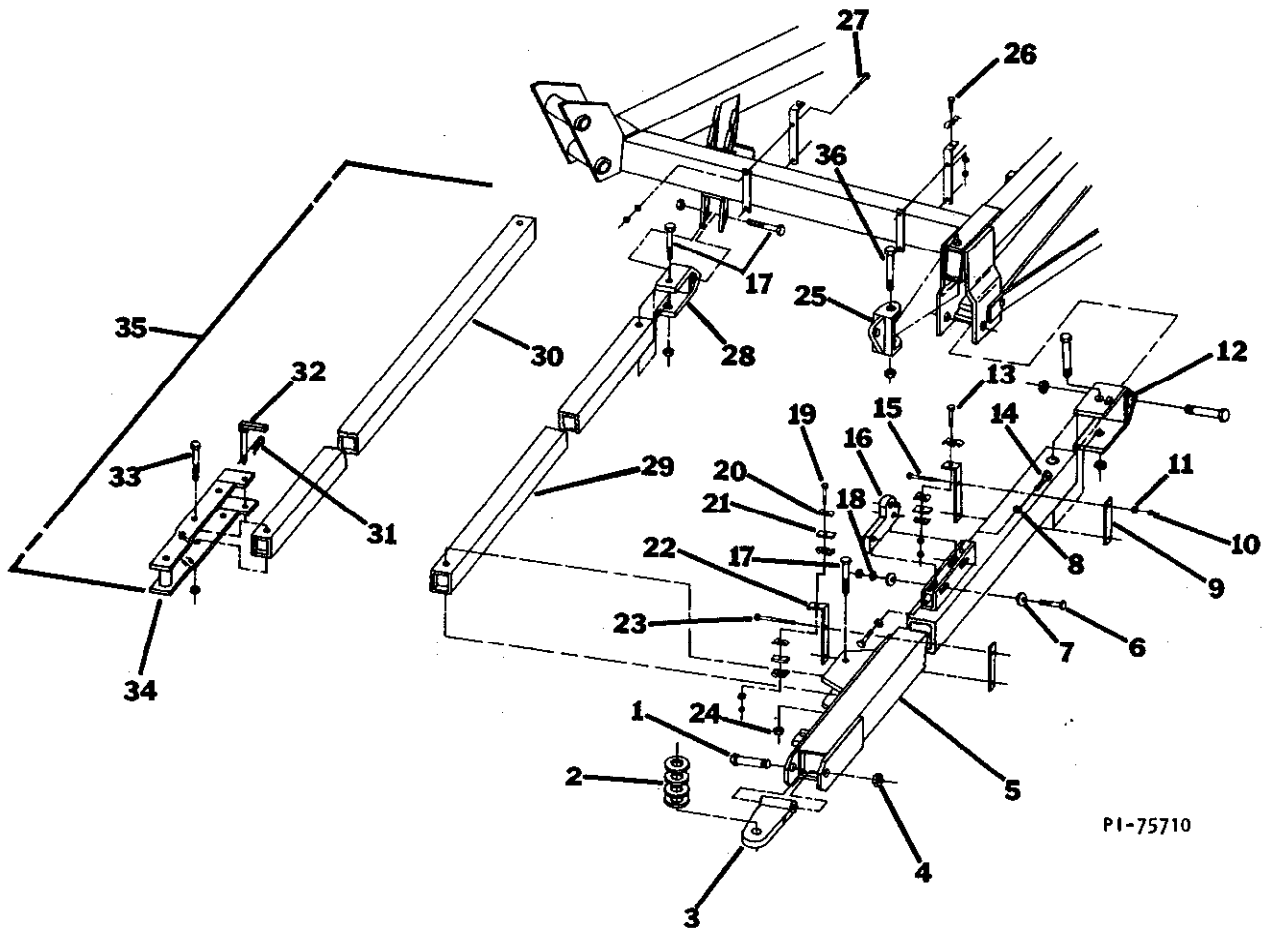
ITEM	P/N	DESCRIPTION
21	13303F1	5 X 8 CYLINDER WITH SCREW STOP
22	42484	SPRING LOCK PIN
23	13690	2" CHANNEL LOCK
24	15116	2" STOP COLLAR
25	13266	HOSE, 3/8 X 60"
26	13254	TUBE, 1/2 X 80" (5-18 REAR FRAME ONLY)
	13257	TUBE, 1/2 X 75" + 2" (5-16 REAR FRAME ONLY)
27	13239	HOSE UNION (5-18 & 5-16 REAR FRAME ONLY)
28	13267	TUBE, 1/2 X 75" + 2"
	13258	TUBE, 1/2 X 60 + 2
29	13264	HOSE, 3/8 X 48"
30	13235	HYDRAULIC CYLINDER PORT ELBOW
31	13681	1-1/2" CHANNEL LOCK
32	13263	HOSE, 3/8 X 36"
33	42721	SPRING LOCK PIN 1/4 X 5
34	16370	3 X 6 CHANNEL LOCK
35	51238F1	3 X 6 CYLINDER
37	42473	CYLINDER PIN
38	24627	1/2 NPT RESTRICTOR
39	15954	HOSE, 1/2 X 36 (M-F) FOR USE W/EXTENDED HITCH

HMP HYDRAULICS CONTINUED

REFER TO PAGE 34 FOR PART NUMBER & DESCRIPTION



DHMP HITCH



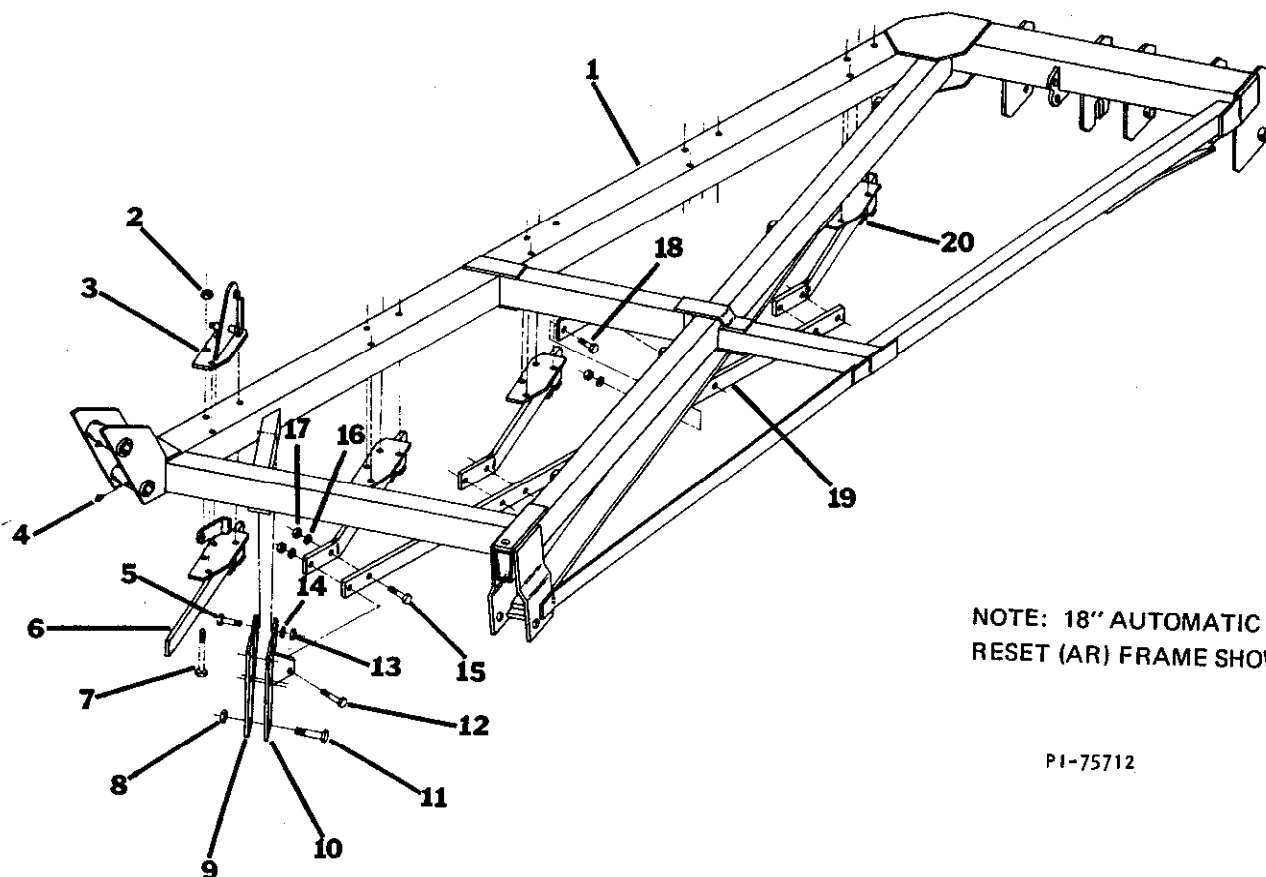
ITEM	P/N	DESCRIPTION
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1	14187	TAILWHEEL PIN
2	19262	SHIM (2-1/16" ID, 4" OD)
3	NA	CAT HITCH
4	42082	JAM LOCK NUT, 1-1/2 NF
5	NA	MAIN HITCH
	NA	EXTENDED MAIN HITCH DHMP ASSEMBLY (OPTIONAL)
6	88291	BOLT, 3/4NC X 3 GR 5
7	88131	FLAT WASHER, 3/4
8	88110	NUT, 3/4 NC
9	18212	STRAP
10	88103	NUT, 3/8 NC
11	88362	LOCK WASHER, 3/8
12	NA	HITCH CLEVIS
13	88412	BOLT, 3/8NC X 3-1/2 GR 5
14	10210	ADJUSTMENT BOLT
15	88482	BOLT, 3/8NC X 7 GR 2
16	13522	SPECIAL CYLINDER ANCHOR
17	11638	1-1/4 NC HITCH BOLT
18	88130	LOCK WASHER, 3/4
19	88411	BOLT, 3/8NC X 4 GR 5

ITEM	P/N	DESCRIPTION
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20	13215	TUBE CLAMP
21	15543	BASE PLATE
22	18213	TUBE SUPPORT
23	NA	BOLT, 3/8NC X 8 GR 2
24	88430	LOCK NUT, 1-1/4 NC
25	NA	HITCH ANCHOR
26	88553	BOLT, 3/8NC X 1-1/2 GR 5
27	NA	BOLT, 3/8NC X 5 GR 2
28	NA	BRACE CLEVIS
29	NA	HITCH POLE BRACE 94.50" (5-18 FRONT FRAME)
30	NA	HITCH POLE BRACE 106.50" (6-18 FRONT FRAME)
31	88352	SPRING LOCK PIN
32	41580	CLEVIS PIN
33	88349	BOLT, 1-1/4NC X 6-1/2 GR 5
34	NA	LATCH ASSEMBLY
35	NA	FOLDING BRACE ASSMBLY (REF. ITEMS 24, 30-34) (6-18 FRONT FRAME ONLY)
36	88427	BOLT, 1-1/4NC X 8 GR 5

5 & 6 BOTTOM DHMP FRONT FRAME



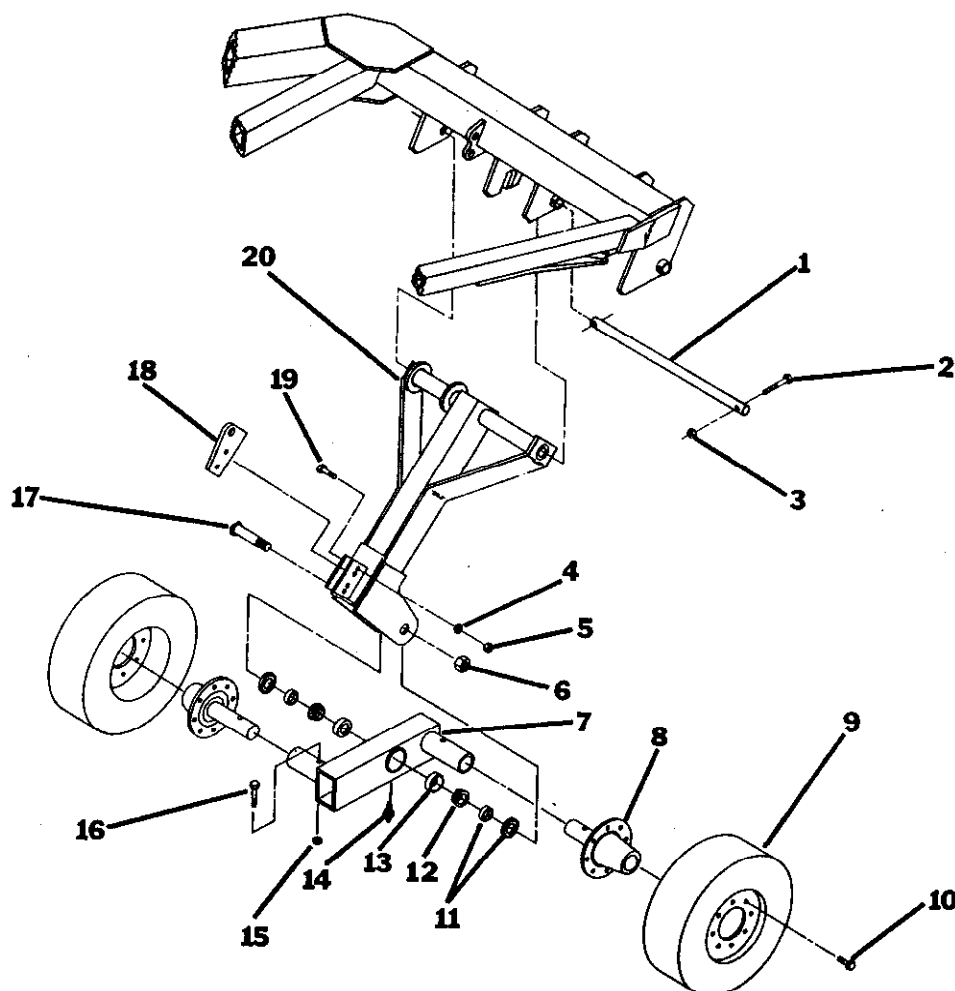
NOTE: 18" AUTOMATIC
RESET (AR) FRAME SHOWN

PI-75712

ITEM	P/N	DESCRIPTION
1	NA	5-18 DOUBLE FRONT FRAME (SHOWN)
	NA	6-18 DOUBLE FRONT FRAME
2	88356	LOCK NUT, 3/4 NC
3	14136	TOP PIVOT ASSEMBLY (AR)
	NA	TOP MOUNT PLATE (SB)
4	88550	GREASE FITTING, 1/4 NF
5	88293	BOLT, 3/4NC X 6 GR 5
6	15983	FRONT BOTTOM PIVOT ASSEMBLY (AR)
	15122	SHEAR FRONT BOTTOM PIVOT (SB)
7	88487	BOLT 3/4 X 8-1/2 HEX NC
8	88430	LOCK NUT, 1-1/4 NC
9	NA	HITCH BRACKET RIGHT
10	NA	HITCH BRACKET

ITEM	P/N	DESCRIPTION
11	11638	1-1/4NC HITCH BOLT
12	88292	BOLT, 5/8NC X 3-1/2 GR 5
13	88110	NUT, 3/4 NC
14	88130	LOCK WASHER, 3/4 ID
15	88408	BOLT, 5/8NC X 3 GR 5
16	88129	LOCK WASHER, 5/8 ID
17	88126	NUT, 5/8 NC
18	88409	BOLT, 5/8NC X 2-1/2 GR 5
19	NA	5-18 FRONT TIE BAR DHMP
	NA	6-18 TIE BAR DHMP
20	15979	BOTTOM PIVOT ASSEMBLY (AR)
	15120	SHEAR BOTTOM PIVOT (SB)

DHMP WALKING TANDEM

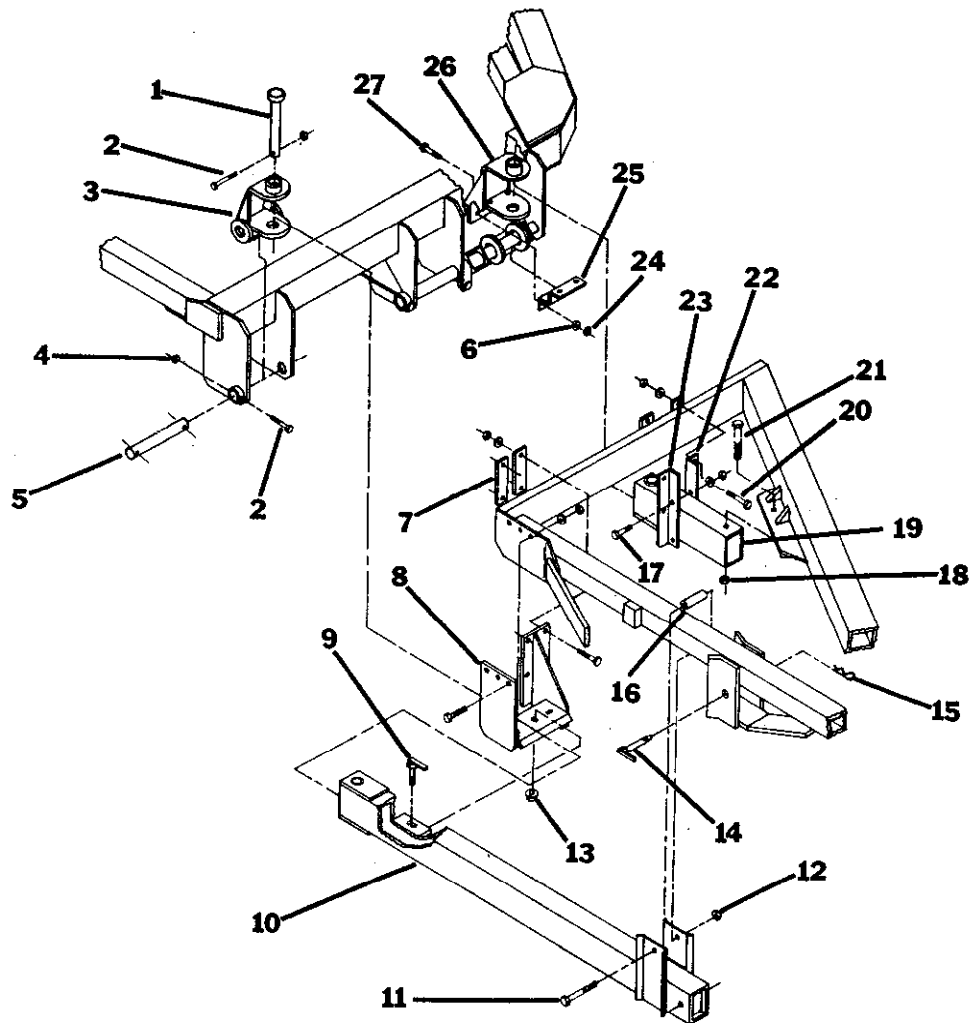


PI-75705

ITEM	P/N	DESCRIPTION
1	NA	TANDEM PIVOT PIN
2	88429	BOLT, 1/2NF X 3-1/4 GR 5
3	88304	LOCK NUT, 1/2 NF
4	88130	LOCK WASHER, 3/4
5	88110	NUT, 3/4 NC
6	42082	JAM LOCK NUT, 1-1/2 NF
7	16376	2-1/2X18 WTA ASSEMBLY (INCLUDES ITEMS 13 & 14)
8	16154	2-1/2" HUB & SPINDLE
9	203196	WHEEL RIM, 15X8, 8 BOLT BWHT
	29066	TIRE, 11L X 15 6PLY
	NA	TUBE, 9:5L X 15
10	63831	WHEEL BOLT, 9/16NF X 1

ITEM	P/N	DESCRIPTION
11	26397	MP WALKING TANDEM SEAL KIT
12	12103	SEALED BEARING CONE
13	12104	BEARING CUP
14	88528	GREASE FITTING 1/8X1-1/4
15	88369	LOCK NUT, 5/8 NC
16	88298	BOLT, 5/8NC X 4 GR 5
17	16277	WALKING TANDEM PIN
18	14883	CYLINDER ANCHOR
19	88291	BOLT, 3/4NC X 3 GR 5
20	NA	TANDEM LEG
	NA	TANDEM LAND AXLE GROUP (REF. ITEMS 4-8, 12-14, 18-20)

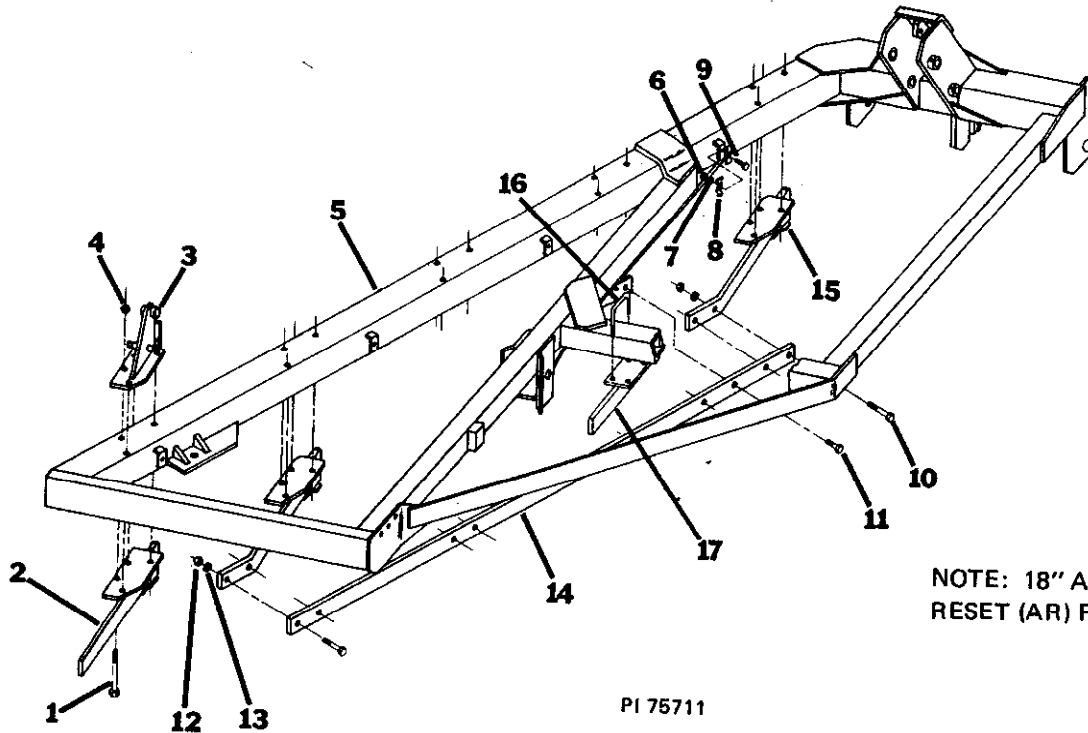
DHMP FRONT HINGE



P1-75709

ITEM	P/N	DESCRIPTION	ITEM	P/N	DESCRIPTION
1	14319	PIN, MAIN PIVOT (2 X 10-5/32)	15	88318	SPRING LOCK PIN
2	88429	BOLT, 1/2NF X 3-1/4 GR 5	16	NA	TUBE
3	NA	HINGE BRACKET	17	88293	BOLT, 3/4NC X 6 GR 5
4	88304	LOCK NUT, 1/2 NF	18	88430	LOCK NUT, 1-1/4 NC
5	NA	SHORT PIVOT PIN	19	NA	REAR HITCH TUBE ASSEMBLY
6	88130	LOCK WASHER, 3/4	20	88272	BOLT, 3/4NC X 4 GR 5
7	14186	HITCH TUBE PLATE	21	88427	BOLT, 1-1/4NC X 8 GR 5
8	NA	EXTENSION BRACKET	22	NA	POLE ANGLE RIGHT
9	NA	LOCKING BOLT	23	NA	POLE ANGLE LEFT
10	NA	CENTER PULL TUBE	24	88110	NUT, 3/4 NC
11	88181	BOLT, 1NC X 7 GR 5	25	NA	HINGE CHANNEL ASSEMBLY
12	88348	LOCK NUT, 1 NC	26	NA	HINGE BRACKET ASSEMBLY
13	NA	LOCKING NUT	27	88290	BOLT, 3/4NC X 2 GR 8
14	NA	PIN			

5 & 6 BOTTOM DHMP CENTER FRAME

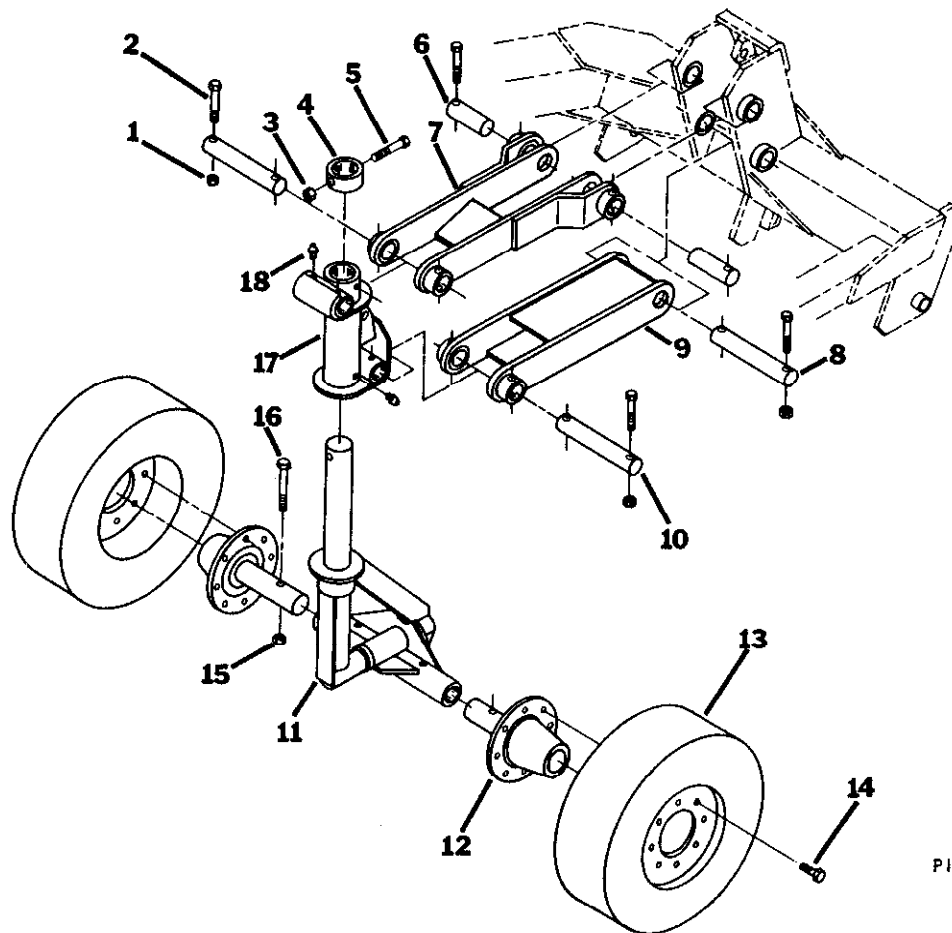


PI 75711

ITEM	P/N	DESCRIPTION
1	88487	BOLT 3/4 X 8-1/2 HEX NC
2	15981	SPLIT BOTTOM PIVOT ASSEMBLY (AR)
	15122	SHEAR FRONT BOTTOM PIVOT (SB)
3	14136	TOP PIVOT ASSEMBLY (AR)
	NA	TOP MOUNT PLATE (SB)
4	88356	LOCK NUT, 3/4 NC
5	NA	5-18 CENTER FRAME DHMP (SHOWN)
	NA	6-18 CENTER FRAME DHMP
6	88103	NUT, 3/8 NC
7	88362	LOCK WASHER, 3/8
8	13215	TUBE CLAMP

ITEM	P/N	DESCRIPTION
9	89034	BOLT, 3/8NC X 1 GR 2
10	88408	BOLT, 5/8NC X 3 GR 5
11	88409	BOLT, 5/8NC X 2-1/2 GR 5
12	88126	NUT, 5/8 NC
13	88129	LOCK WASHER, 5/8
14	NA	5-18 CENTER TIE BAR DHMP
	NA	6-18 TIE BAR DHMP
15	15979	BOTTOM PIVOT ASSEMBLY (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
16	88145	U-BOLT, 5/8NC X 4 X 5-1/4
17	NA	DHMP COULTER BRACKET

OSCILLATING DUAL LANDWHEEL



PI-75703

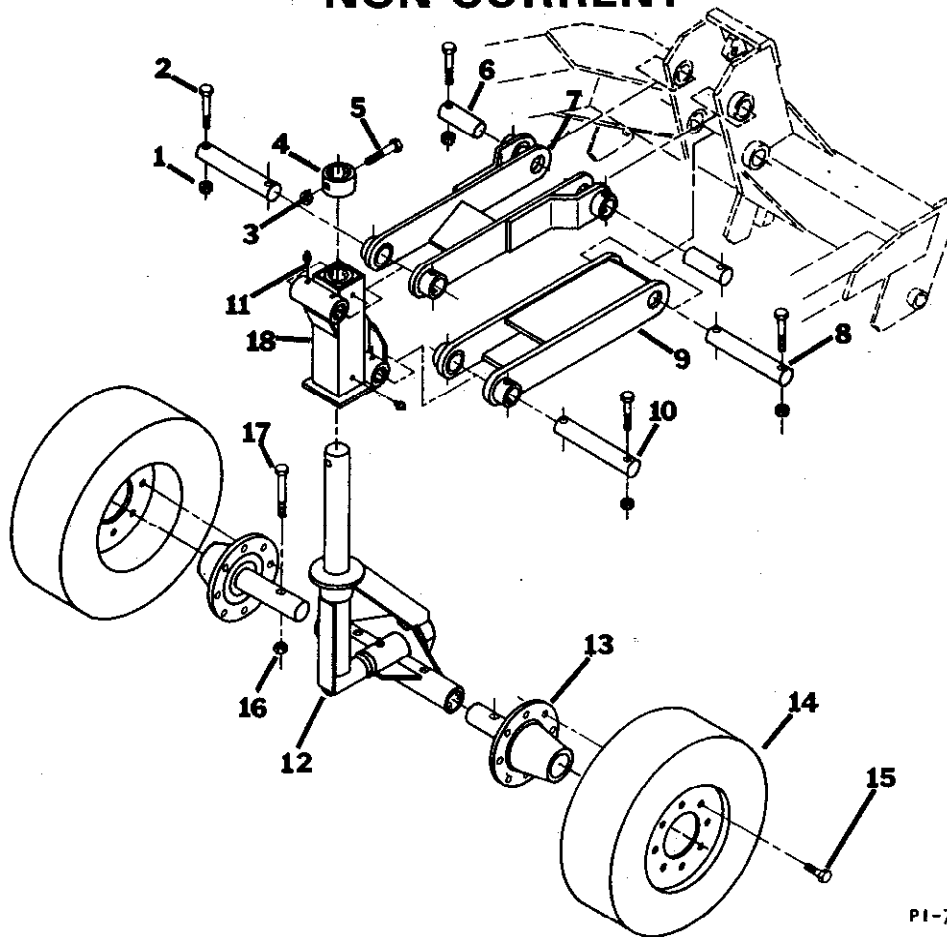
ITEM	P/N	DESCRIPTION
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1	88304	LOCK NUT, 1/2 NF
2	88429	BOLT, 1/2NF X 3-1/4 GR 5
3	88110	NUT, 3/4 NC
4	NA	COLLAR
5	88305	BOLT, 3/4NC X 5 GR 5
6	NA	PIVOT PIN/SHORT BOTTOM
7	NA	TOP LINK ARM
8	NA	LONG PIVOT PIN 2 X 12.00
9	NA	LOWER PIVOT ARM
10	NA	SHORT PIVOT PIN 2 X 10.50

ITEM	P/N	DESCRIPTION
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11	NA	OSCILLATING DUAL AXLE
12	16154	2-1/2" HUB & SPINDLE
13	203196	WHEEL RIM, 15X8, 8 BOLT BWHT
	29066	TIRE, 11L X 15, 6 PLY
	NA	TUBE, 9:5L X 15
14	63831	WHEEL BOLT 9/16NF X 1
15	88369	LOCK NUT, 5/8 NC
16	88298	BOLT, 5/8NC X 4GR 5
17	NA	DUAL WHEEL PIVOT
18	88550	GREASE FITTING, 1/4 NF

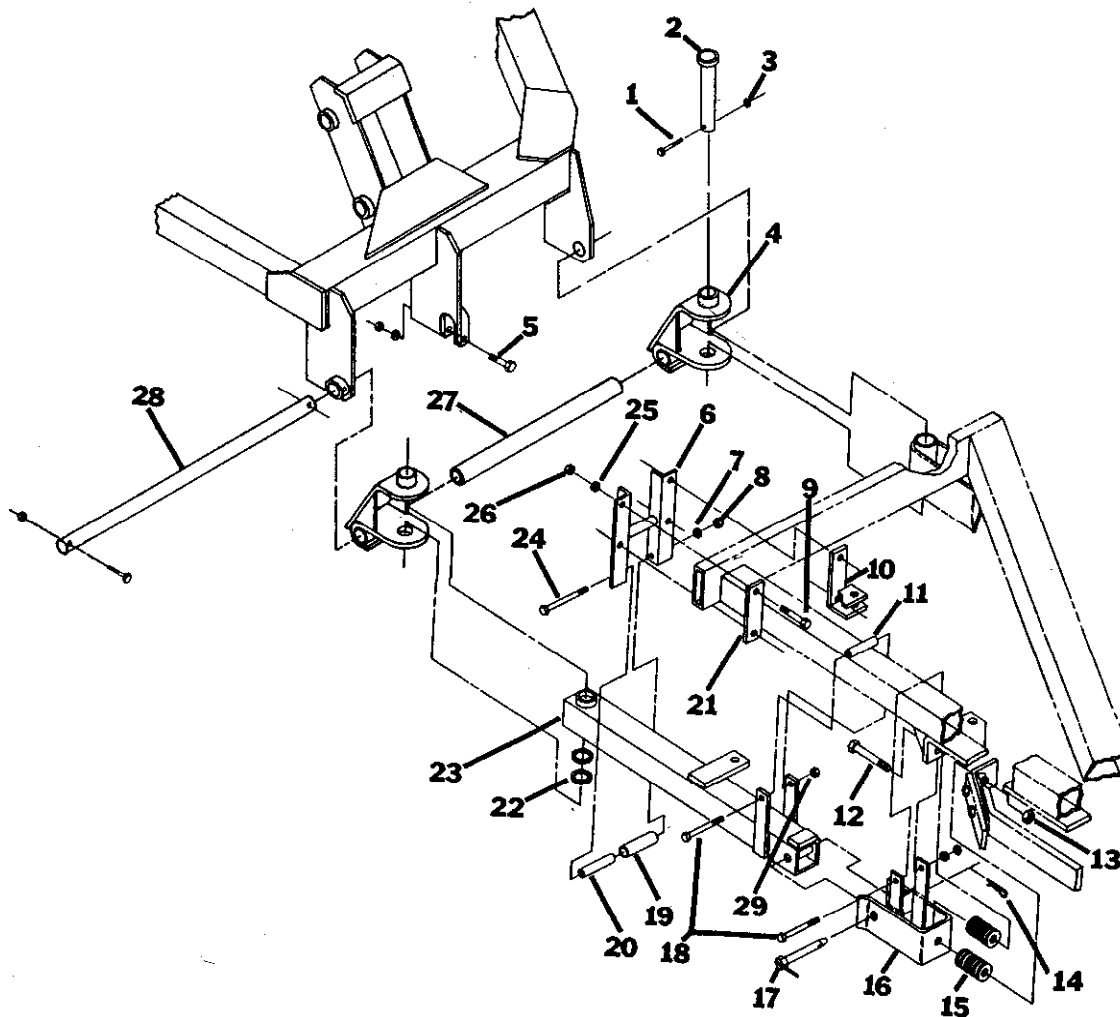
OSCILLATING DUAL LANDWHEEL NON-CURRENT



PI-75704

ITEM	P/N	DESCRIPTION	ITEM	P/N	DESCRIPTION
1	88304	LOCK NUT, 1/2 NF	11	88550	GREASE FITTING, 1/4 NF
2	88429	BOLT, 1/2NF X 3-1/4 GR 5	12	NA	OSCILLATING DUAL AXLE
3	88110	NUT, 3/4 NC	13	16154	2-1/2" HUB & SPINDLE
4	16009	COLLAR	14	203196	WHEEL RIM 15X8, 8 BOLT BWHT
5	88305	BOLT, 3/4NC X 5 GR 5		29066	TIRE, 11L X 15, 6 PLY
6	NA	PIVOT PIN SHORT BOTTOM		NA	TUBE, 9:5L X 15
7	NA	TOP LINK ARM	15	63831	WHEEL BOLT, 9/16NF X 1
8	NA	LONG PIVOT PIN 2 X 12.00	16	88369	LOCK NUT, 5/8 NC
9	NA	LOWER PIVOT ARM ASSEMBLY	17	88298	BOLT, 5/8NC X 4 GR 5
10	NA	SHORT PIVOT PIN 2 X 10.50	18	NA	DUAL WHEEL PIVOT

DHMP REAR HITCH

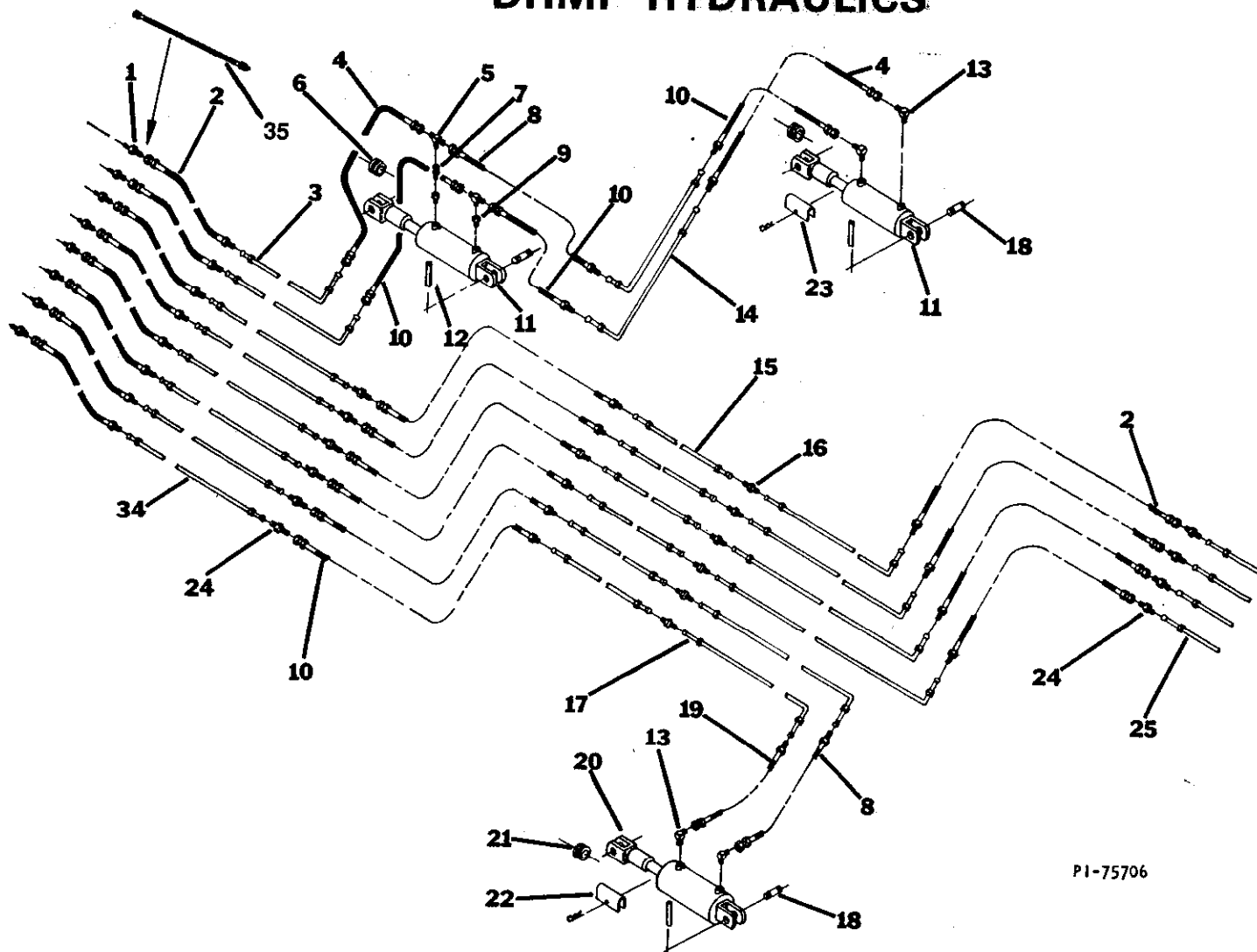


P1-75708

ITEM	P/N	DESCRIPTION
1	88429	BOLT, 1/2NF X 3-1/4 GR 5
2	14319	PIN, MAIN PIVOT (2 X 10-5/32)
3	88304	LOCK NUT, 1/2 NF
4	16496	HINGE BRACKET
5	88305	BOLT, 3/4NC X 5 GR 5
6	18007	TUBE HANGER
7	88129	LOCK WASHER, 5/8
8	88126	NUT, 5/8 NC
9	88272	BOLT, 3/4NC X 4 GR 5
10	18008	STOP PLATE
11	18141	ROLLER TUBE, 1-1/4OD X 3-7/8LG
12	88264	BOLT, 1NC X 6 GR 5
13	88348	LOCK NUT, 1 NC
14	88352	SPRING LOCK PIN
15	88196	FLAT WASHER, 1"

ITEM	P/N	DESCRIPTION
16	16493	YOKE BRACKET
17	41580	CLEVIS PIN
18	88295	BOLT, 5/8NC X 6 GR 5
19	16476	TUBE, 1-5/8OD X 5-3/8LG
20	16477	TUBE, 1"OD X 5-1/2LG
21	14186	HITCH TUBE PLATE
22	14084	COLLAR (2-5/8OD, 2-1/16ID)
23	16491	PULL TUBE ASSEMBLY
24	88383	BOLT, 5/8NC X 7 GR 5
25	88130	LOCK WASHER, 3/4
26	88110	NUT, 3/4 NC
27	NA	LANDWHEEL PIVOT TUBE
28	18006	LAND PIVOT SHAFT
29	88369	LOCK NUT, 5/8 NC

DHMP HYDRAULICS



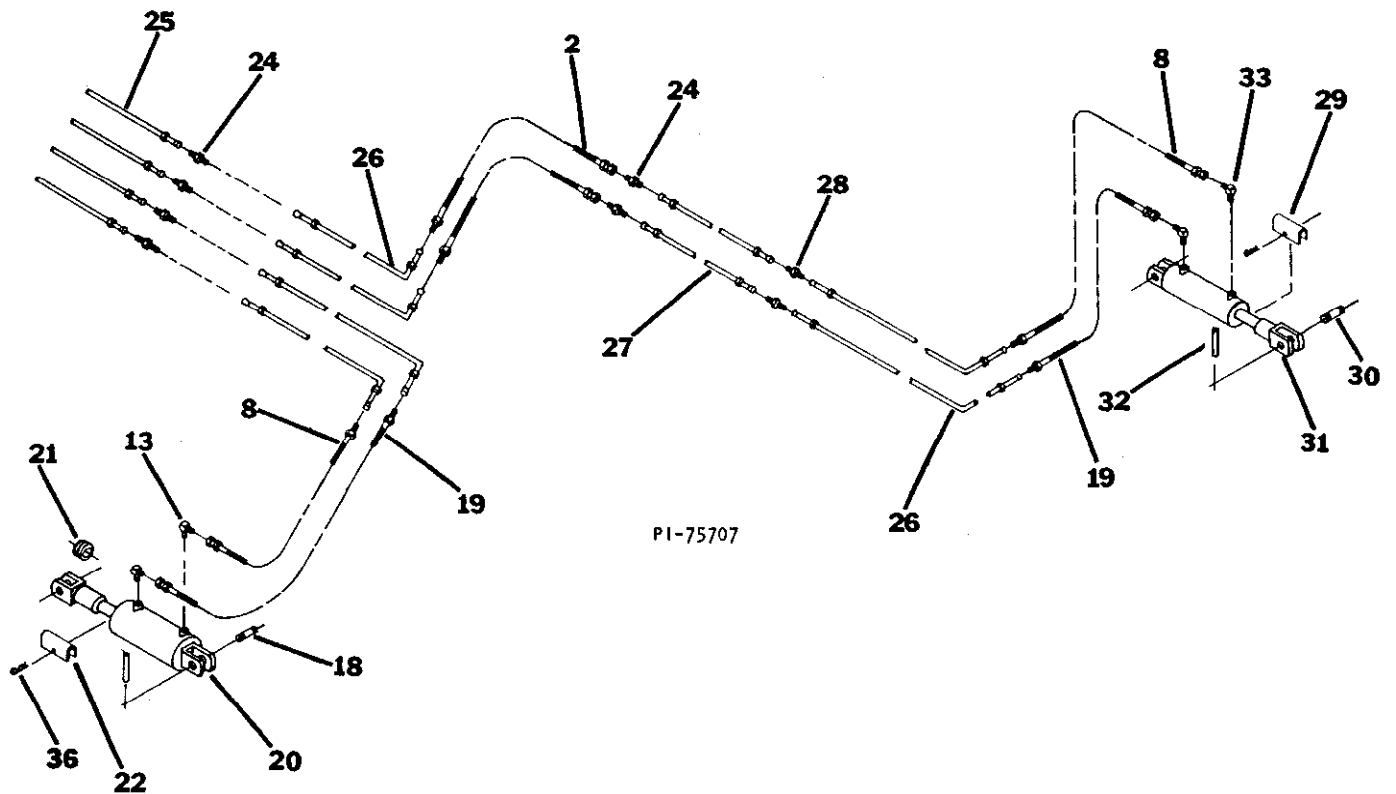
P1-75706

ITEM	P/N	DESCRIPTION
1	13234	COUPLER ADAPTER
2	13266	HOSE, 3/8 X 60
3	13258	TUBE, 1/2 X 60"+2"
4	13259	HOSE, 3/8 X 18
5	13237	CYLINDER TEE
6	15113	1-1/2" STOP COLLAR
7	14267	PORT RESTRICTOR
8	13263	HOSE, 3/8 X 36
9	88146	REDUCING BUSHING
10	13260	HOSE, 3/8 X 24
11	51227F1	4 X 8 CYLINDER
12	42484	SPRING LOCK PIN
13	13236	1/2 NPT ELBOW
14	13257	TUBE, 1/2 X 75"+2" (5-18 FRONT FRAME)
	13286	TUBE, 1/2 X 94"+2" (6-18 FRONT FRAME)
15	13253	TUBE, 1/2 X 120 (5-18 FRONT FRAME)
	13254	TUBE, 1/2 X 80 (6-18 FRONT FRAME)
16	13239	HOSE UNION (6-18 FRONT FRAME ONLY)
17	13257	TUBE, 1/2 X 75"+2" (6-18 FRONT FRAME ONLY)

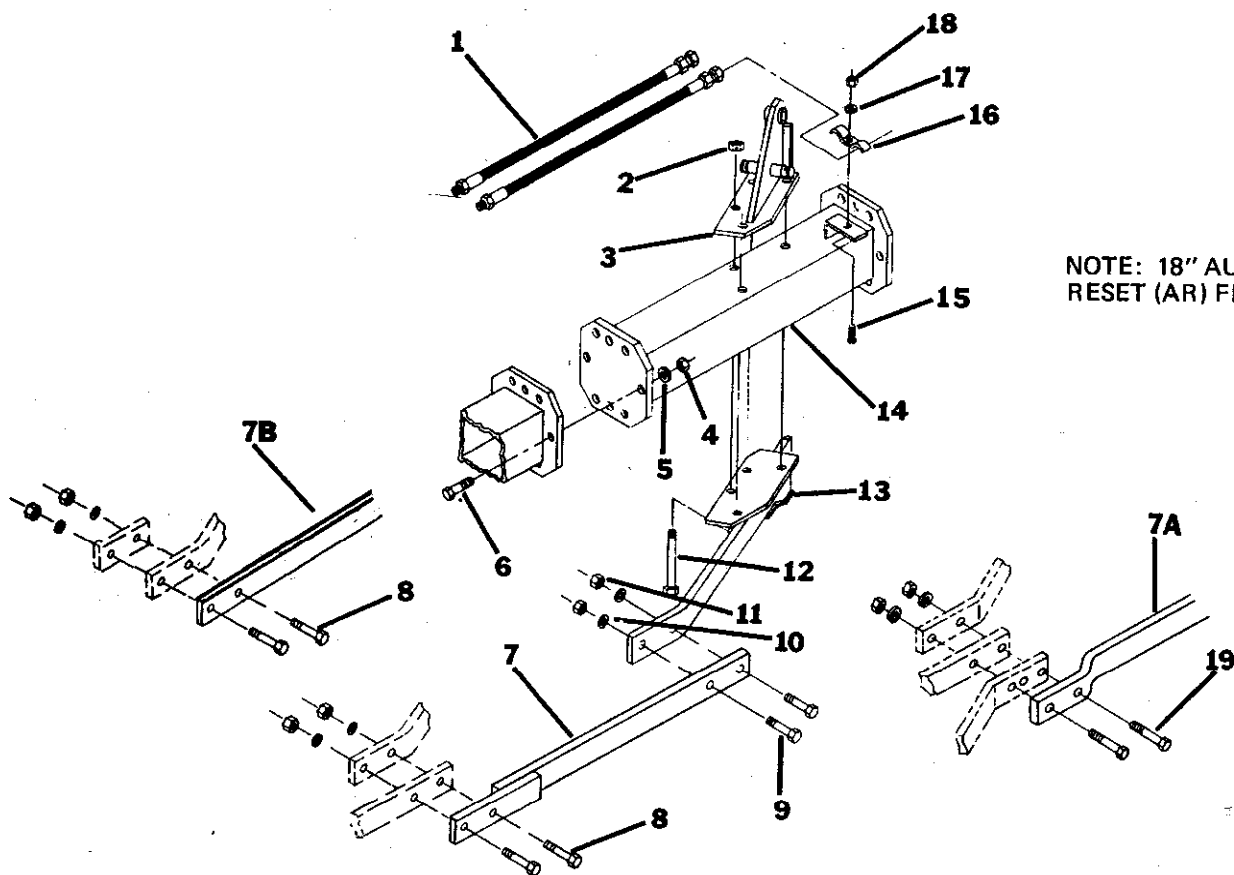
ITEM	P/N	DESCRIPTION
18	42473	CYLINDER PIN
19	13264	HOSE, 3/8 X 48
20	13303F1	5 X 8 CYLINDER
21	15116	2" STOP COLLAR
22	13690	2" LOCK COLLAR
23	13681	1-1/2" LOCK CHANNEL
24	13239	HOSE UNION
25	13254	TUBE, 1/2 X 80 (5-18 CENTER FRAME)
	13255	TUBE, 1/2 X 110 (6-18 CENTER FRAME)
26	13257	TUBE, 1/2 X 75"+2"
27	13254	TUBE, 1/2 X 80 (5-18 REAR FRAME ONLY)
28	13239	HOSE UNION (5-18 REAR FRAME ONLY)
29	16370	3 X 6 LOCK CHANNEL
30	42473	CYLINDER PIN
31	51238F1	3 X 6 CYLINDER
32	42484	SPRING LOCK PIN
33	13235	3/8 NPT ELBOW
34	13254	TUBE, 1/2 X 80
35	13263	HOSE 3/8 x 36 (M-F) FOR USE W/EXTENDED HITCH
36	42721	SPRING LOCK PIN 1/4X5

DHMP HYDRAULICS CONTINUED

REFER TO PAGE 44 FOR PARTS & DESCRIPTION



ONE BOTTOM EXTENSIONS



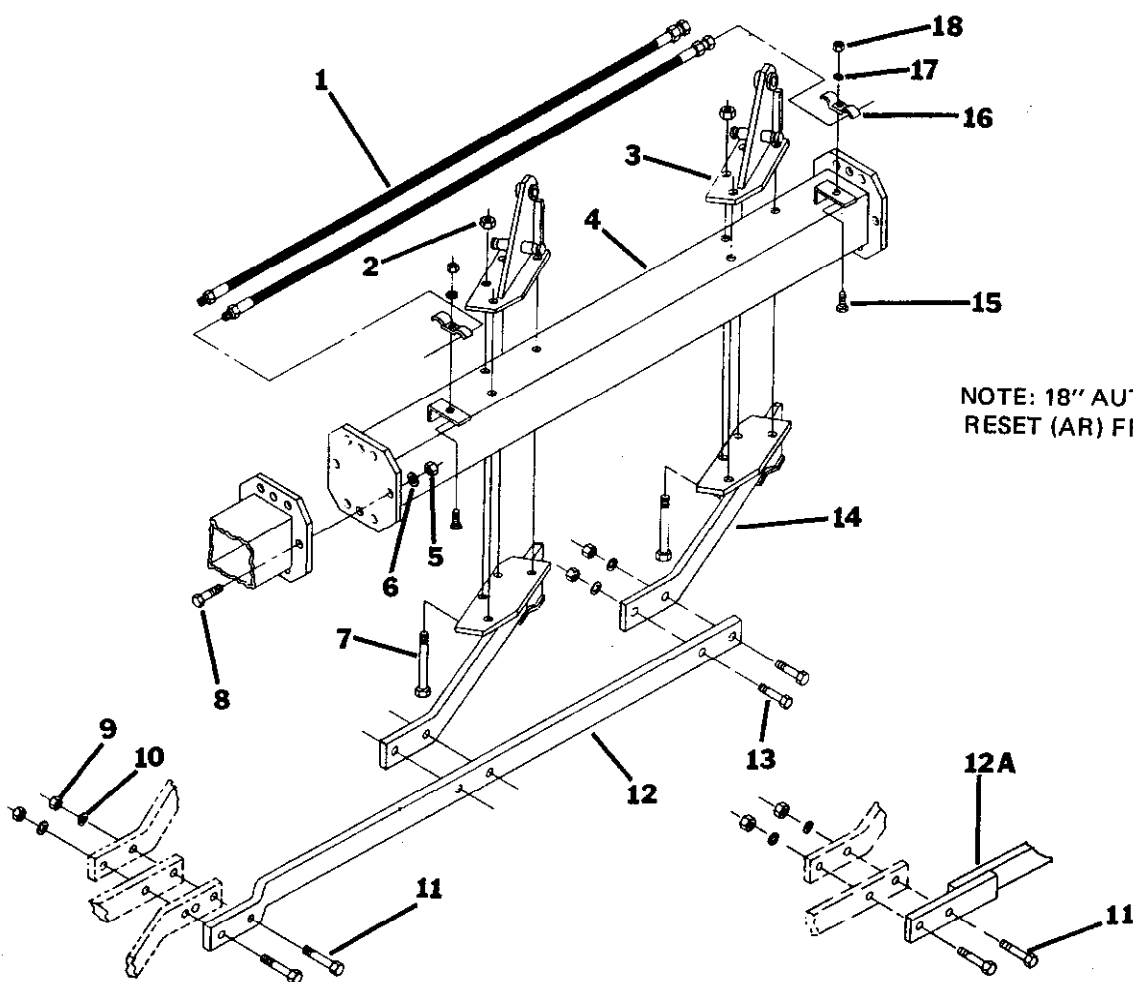
NOTE: 18" AUTOMATIC
RESET (AR) FRAME SHOWN

PI-76380

ITEM	P/N	DESCRIPTION
1	13263	HOSE, 3/8 X 36"
2	88356	LOCK NUT, 3/4 NC
3	14136	TOP PIVOT (AR)
	NA	TOP-MOUNT PLATE (SB)
4	88110	NUT, 3/4 NC
5	88130	LOCK WASHER, 3/4
6	88404	BOLT, 3/4NC X 2-1/2 GR 5
7	14445	18" EXTENSION BAR (ALL EXCEPT 5-18 SMP)
	NA	16" ONE BOTTOM EXTENSION BAR (SMMP ONLY)
7A	18309	18" EXTENSION BAR (5-18 SMP ONLY)
	NA	16" ONE BOTTOM EXTENSION BAR (5-16 SMP ONLY)
7B	NA	16" ONE BOTTOM EXTENSION BAR (HMP ONLY)

ITEM	P/N	DESCRIPTION
8	88298	BOLT, 5/8NC X 4 GR 5
9	88408	BOLT, 5/8NC X 3 GR 5
10	88129	LOCK WASHER, 5/8
11	88126	NUT, 5/8 NC
12	88487	BOLT 3/4 X 8-1/2 HEX NC
13	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
14	NA	18" EXTENSION
	NA	16" ONE BOTTOM EXTENSION
15	88553	BOLT, 3/8NCx1-1/2 GR5
16	13215	TUBE CLAMP
17	88362	LOCK WASHER, 3/8
18	88103	NUT, 3/8 NC
19	88395	BOLT, 5/8NC X 5 GR 5

TWO BOTTOM EXTENSIONS



NOTE: 18" AUTOMATIC
RESET (AR) FRAME SHOWN

PI-76381

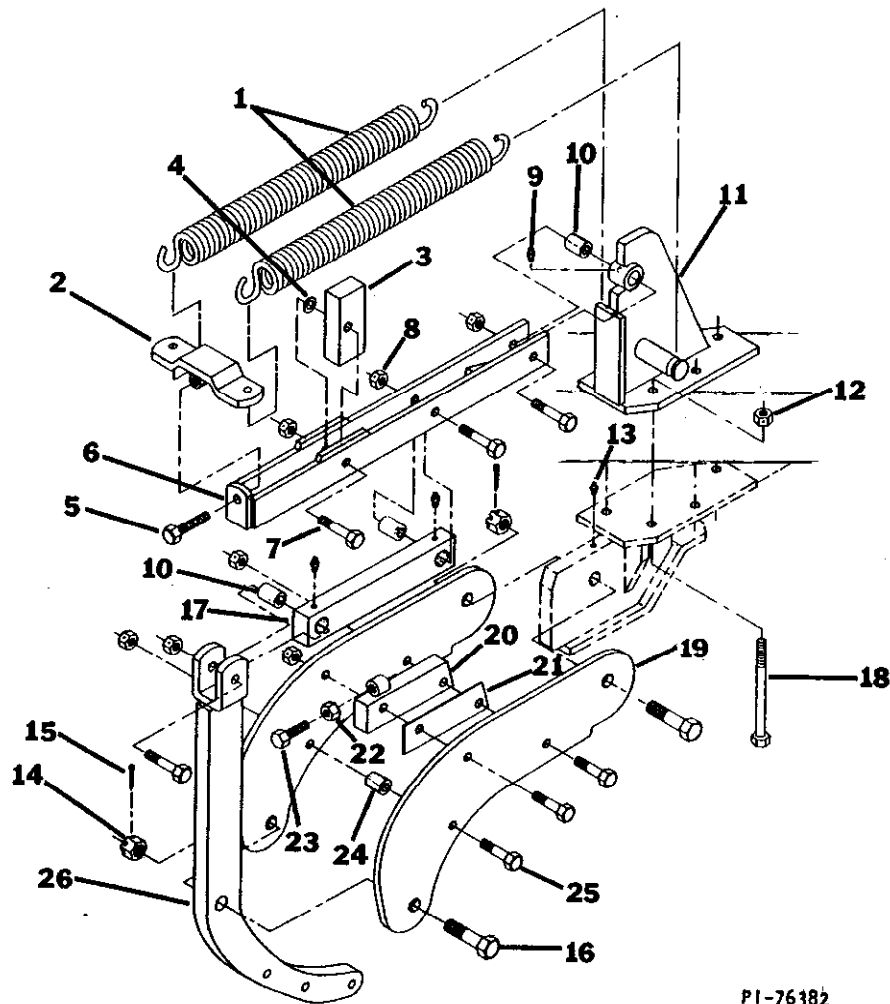
ITEM	P/N	DESCRIPTION
1	13267	HOSE, 3/8 X 72"
2	88356	LOCK NUT, 3/4 NC
3	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
4	14206	2 BOTTOM EXTENSION (18")
	NA	16" TWO BOTTOM EXTENSION
		ASSEMBLY:
5	88110	NUT, 3/4 NC
6	88130	LOCK WASHER, 3/4
7	88487	BOLT 3/4 X 8-1/2 HEX NC
8	88404	BOLT, 3/4NC X 2-1/2 GR 5
9	88126	NUT, 5/8 NC

ITEM	P/N	DESCRIPTION
1	13267	HOSE, 3/8 X 72"
2	88356	LOCK NUT, 3/4 NC
3	14136	TOP PIVOT (AR)
	NA	TOP MOUNT PLATE (SB)
4	14206	2 BOTTOM EXTENSION (18")
	NA	16" TWO BOTTOM EXTENSION
		ASSEMBLY:
5	88110	NUT, 3/4 NC
6	88130	LOCK WASHER, 3/4
7	88487	BOLT 3/4 X 8-1/2 HEX NC
8	88404	BOLT, 3/4NC X 2-1/2 GR 5
9	88126	NUT, 5/8 NC

ITEM	P/N	DESCRIPTION
10	88129	LOCK WASHER, 5/8
11	88395	BOLT, 5/8NC X 5 GR 5 (18" SMP)
	88298	BOLT, 5/8NC X 4 GR 5 (18" HMP & SMMP)
12	14753	EXTENSION BAR (18" SMP)
	NA	TWO BOTTOM EXTENSION BAR (16" SMP)
12A	14208	EXTENSION BAR (18" HMP, SMMP)
13	88408	BOLT, 5/8NC X 3 GR 5
14	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
15	88553	BOLT, 3/8NCx1-1/2 GR5
16	13215	TUBE CLAMP
17	88362	LOCK WASHER, 3/8
18	88103	NUT, 3/8 NC

ITEM	P/N	DESCRIPTION
10	88129	LOCK WASHER, 5/8
11	88395	BOLT, 5/8NC X 5 GR 5 (18" SMP)
	88298	BOLT, 5/8NC X 4 GR 5 (18" HMP & SMMP)
12	14753	EXTENSION BAR (18" SMP)
	NA	TWO BOTTOM EXTENSION BAR (16" SMP)
12A	14208	EXTENSION BAR (18" HMP, SMMP)
13	88408	BOLT, 5/8NC X 3 GR 5
14	15979	BOTTOM PIVOT (AR)
	15120	SHEAR BOTTOM PIVOT (SB)
15	88553	BOLT, 3/8NCx1-1/2 GR5
16	13215	TUBE CLAMP
17	88362	LOCK WASHER, 3/8
18	88103	NUT, 3/8 NC

AUTOMATIC RESET STANDARD

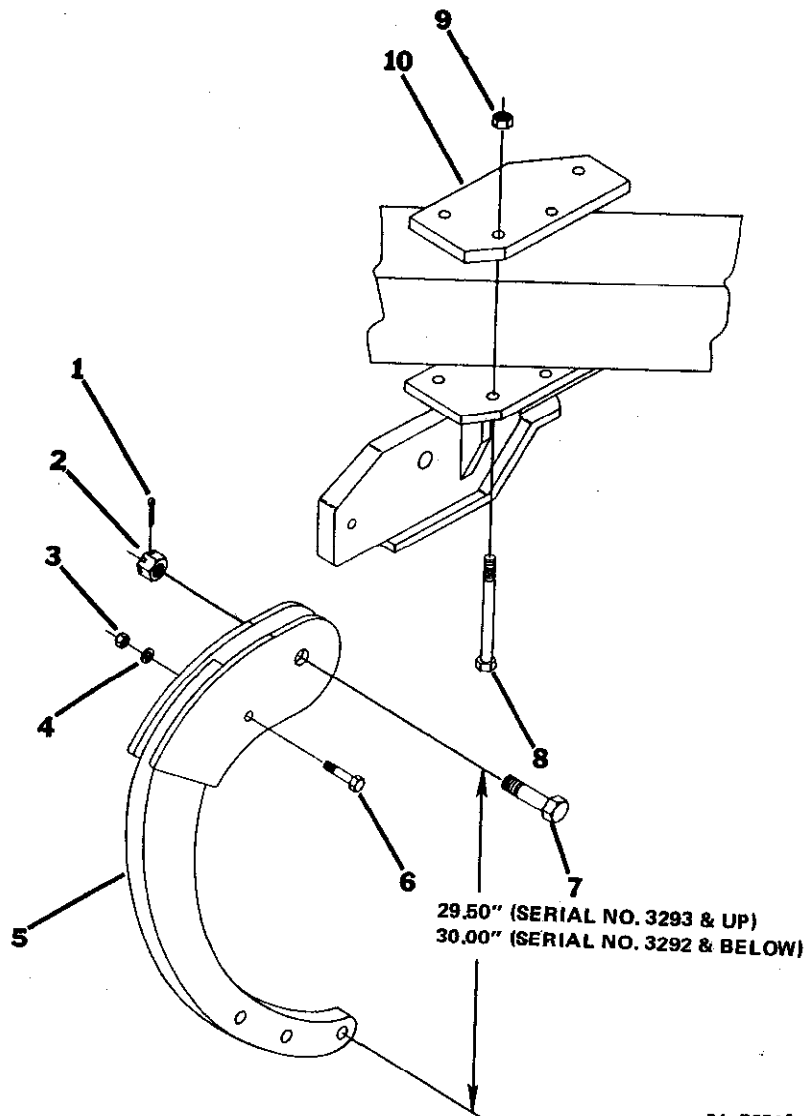


PI-76382

ITEM	P/N	DESCRIPTION
1	14655	RESET SPRING
2	14155	SPRING ADJUSTMENT PLATE
3	15994	ADJUSTMENT BLOCK
4	88426	MACHINERY BUSHING 3/4ID X 18 GA
5	10210	ADJUSTMENT BOLT
6	14142	SPRING ARM ASSEMBLY
7	88406	BOLT, 3/4NF X 3-1/2 GR 8
8	88306	LOCK NUT, 3/4 NF
9	88550	GREASE FITTING, 1/4 NF
10	14158	BUSHING
11	14136	TOP PIVOT ASSEMBLY
12	88356	LOCK NUT, 3/4 NC
13	88263	GREASE FITTING, 1/8 NPT
14	88299	SLOTTED NUT, 1 NF
15	88133	COTTER PIN, 3/16 X 2

ITEM	P/N	DESCRIPTION
16	14164	PLOW PIVOT BOLT
17	16074	BOTTOM LINK BAR
18	88487	BOLT 3/4 X 8-1/2 HEX NC
19	15967	PIVOT PLATE
20	14146	STOP BAR ASSEMBLY
21	14162	SHIM
22	88110	NUT, 3/4 NC
23	18625	STOP BOLT
24	14161	PIVOT PLATE SPACER
25	88119	BOLT, 3/4NF X 3 GR 5
26	20140	TRIP SHANK (GPI & DEEP TILLAGE)
	NA	HIGH SPEED SHANK
	18393	IH TRIP SHANK (GPII)
	18395	JD TRIP SHANK ASSEMBLY
	NA	JD NU TRIP SHANK ASSEMBLY

SHEAR BOLT STANDARD

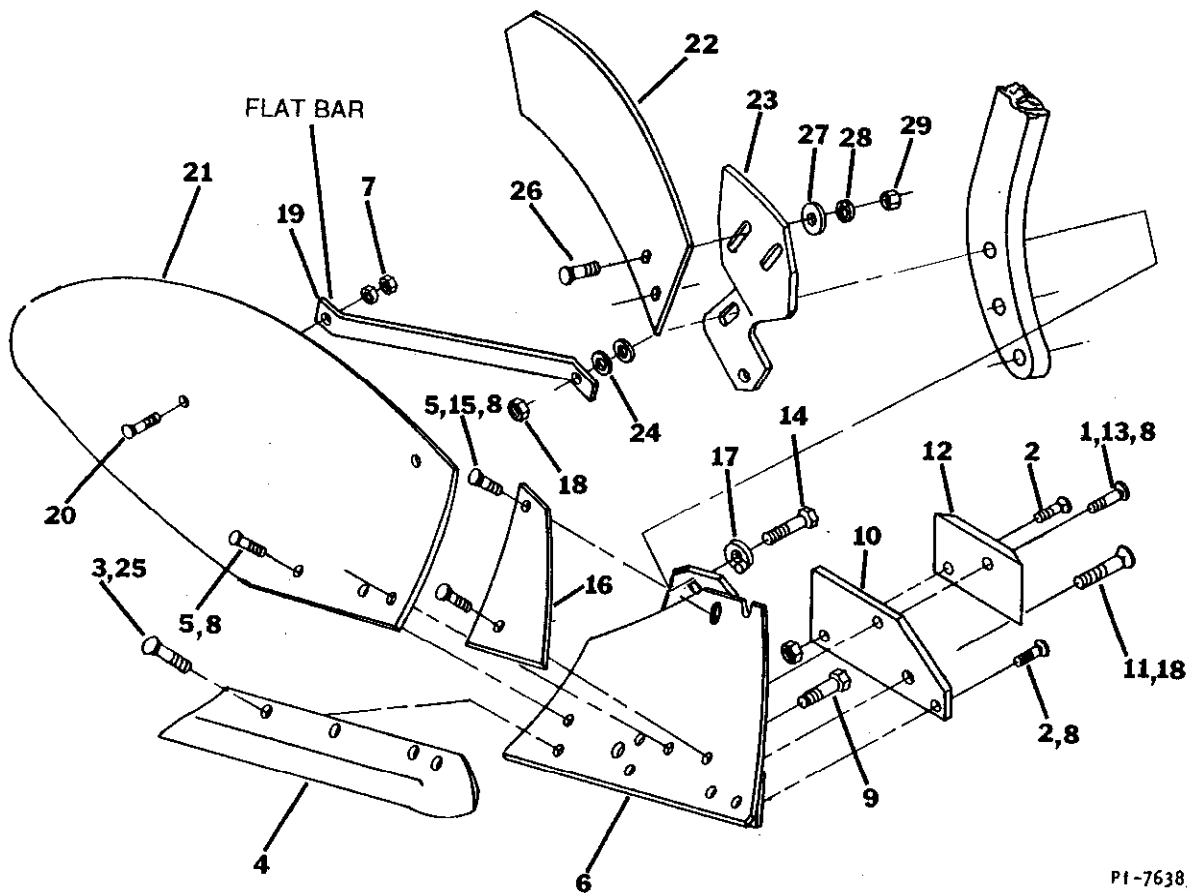


PI-75718

ITEM	P/N	DESCRIPTION
1	88133	COTTER PIN, 3/16 X 2
2	88299	SLOTTED NUT, 1 NF
3	88126	NUT, 5/8 NC
4	88129	LOCK WASHER, 5/8
5	NA	SHEAR SHANK ASSEMBLY (30") (SERIAL NO. 3292 & BELOW) (GP I BOTTOM)
	19600	SHEAR SHANK ASSEMBLY (29.50") (SERIAL NO. 3293 & UP) (GP I BOTTOM)
	NA	SHEAR SHANK ASSEMBLY (30") (GP II BOTTOM)

ITEM	P/N	DESCRIPTION
6	15243	BOLT, SHEAR (A STANDARD 5/8X3-1/2 GR 2 BOLT MAY BE SUBSTITUTED FOR 15243)
7	14164	PIVOT BOLT
8	88487	BOLT 3/4 X 8-1/2 HEX NC
9	88356	LOCK NUT, 3/4 NC
10	NA	TOP MOUNT PLATE

GP I MOLDBOARD BOTTOM WITH TRASHBOARDS

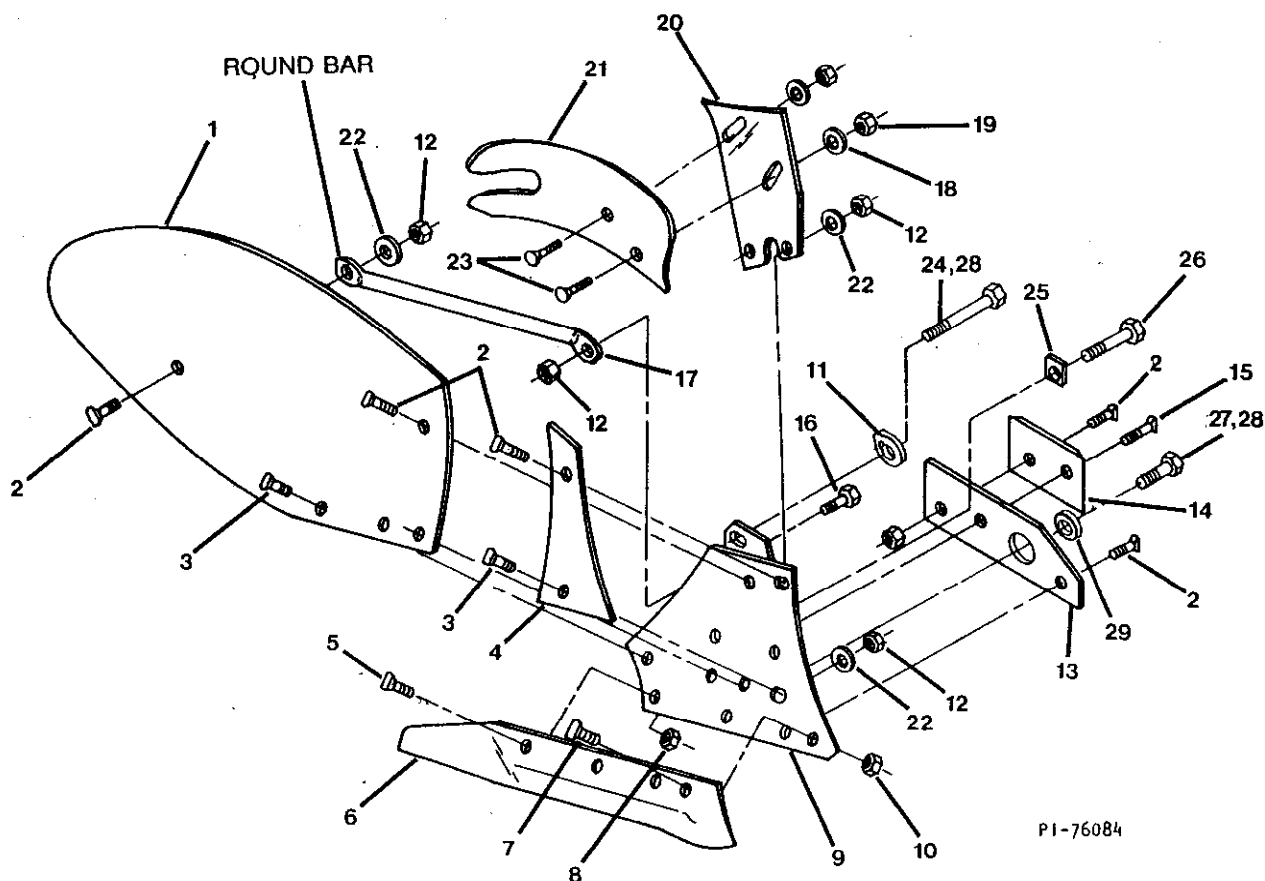


PI-76383

ITEM	P/N	DESCRIPTION
NA		GENERAL PURPOSE 18" BOTTOM (LESS ITEMS 9, 14, 17)
NA		SOFT CENTER TRASHBOARD ASSEMBLY WITH HARDWARE
NA		PLASTIC TRASHBOARD ASSEMBLY WITH HARDWARE
1	88424	PLOW BOLT NO. 3 HEAD 7/16NCX2 GR 5
2	88599	PLOW BOLT NO. 3 HEAD 7/16NC X 1-1/2 GR 5
3	21078	SHARE BOLT 1/2NC X 1-1/4 LEFT HAND THREAD
4	14255	18" SHARE WITH HARDWARE
	16047	18" DEEP SUCK SHARE WITH HARDWARE
	14363	16" SHARE
	15415	18" HARD SURFACED SHARE WITH HARDWARE
5	88423	PLOW BOLT, NO. 3 HEAD 7/16NC X 1-1/4 GR 5
6	22033	FROG
7	88104	NUT, 1/2 NC
8	88270	NUT, 7/16 NC
9	88509	BOLT, 5/8NF X 3 GR 8
10	14253	LANDSIDE (SHOWN)
	NA	LONG LANDSIDE (OPTIONAL)

ITEM	P/N	DESCRIPTION
11	88511	PLOW BOLT 5/8NF X 3 GR 8
12	14256	WEAR PAD
13	88269	LOCK WASHER, 7/16
14	88857	BOLT, 5/8NF X 4 GR 8
15	88152	FLAT WASHER, 7/16
16	22809	SHIN WITH HARDWARE
17	22635	ECCENTRIC WASHER
18	88122	NUT, 5/8 NF
19	14673	MOLDBOARD BRACE
20	88849	PLOW BOLT 1/2NC X 1-3/4 GR 5
21	22886	MOLDBOARD WITH HARDWARE
	NA	SOLID STEEL MOLDBOARD
22	NA	SOFT CENTER TRASHBOARD WITH HARDWARE
	NA	PLASTIC TRASHBOARD WITH HARDWARE
23	14650	MOUNTING BRACKET
24	88277	FLAT WASHER, 5/8
25	88462	NUT, 1/2 NC LEFT HAND THREAD
26	88494	PLOW BOLT, 3/8NC X 1-1/2 NO. 3 HEAD GR 5
27	88282	FLAT WASHER, 3/8
28	88362	LOCK WASHER, 3/8
29	88103	NUT, 3/8 NC
	22634	GP1 SHIM

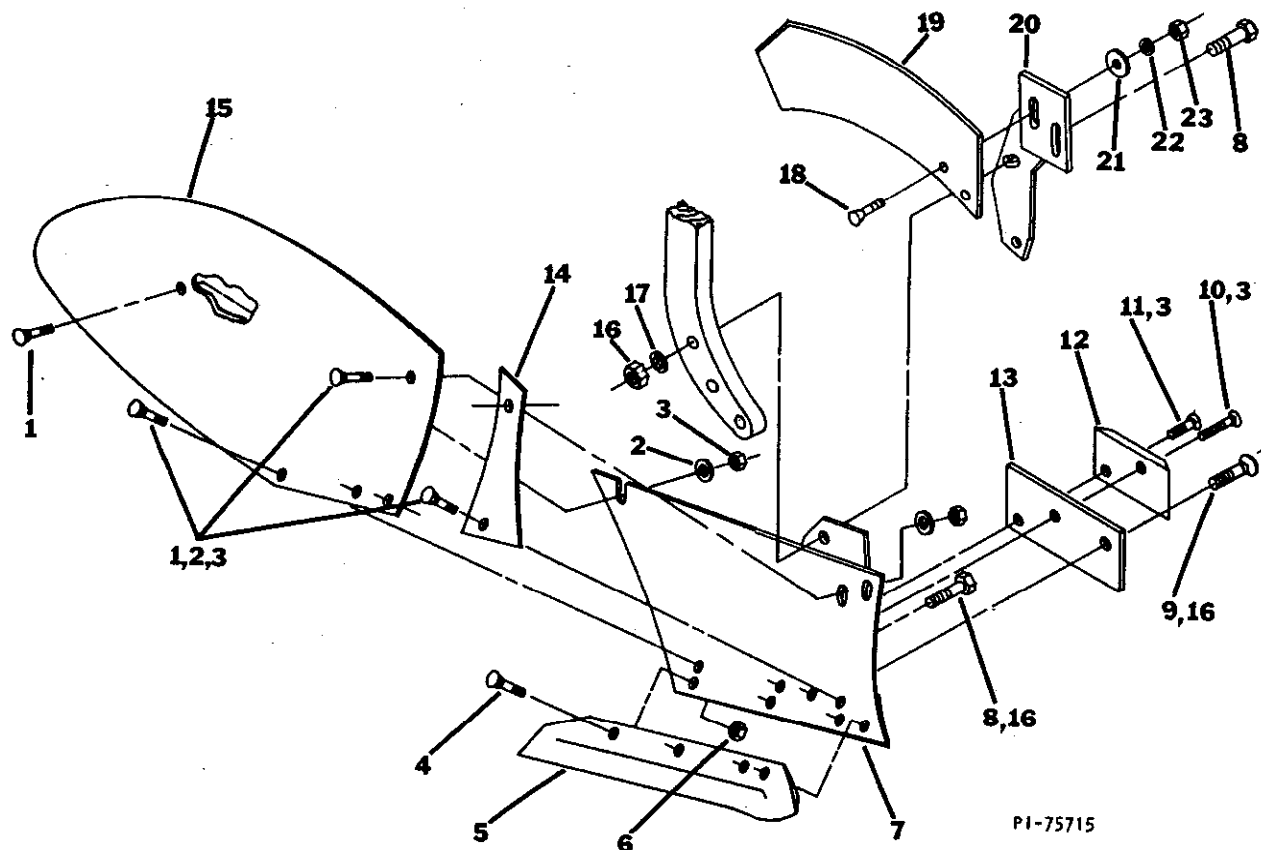
GP II MOLDBOARD BOTTOM WITH TRASHBOARDS (IH BOTTOM)



PI-76084

ITEM	P/N	DESCRIPTION	ITEM	P/N	DESCRIPTION
	NA	GP II BOTTOM (LESS ITEMS 2,12-15)	13	21575	GP II LANDSIDE
	21570	GP II BOTTOM (WITH ITEMS 2,12-15)	14	21576	GP II WARE PLATE
	NA	GP II PLASTIC TRASHBOARD ASSEMBLY WITH HARDWARE	15	22011	BOLT, SPECIAL 7/16 X 2.2 GR8
	21580	GP II STEEL TRASHBOARD ASSEMBLY WITH HARDWARE	16	89113	BOLT, 7/16x1-3/4 GR8
1	21571	GP II MOLDBOARD	17	21696	GP II BRACE
2	21930	GP II CLIPPED HEAD BOLT	18	88282	WASHER, 3/8
3	21928	GP II SPECIAL CLIPPED HEAD BOLT	19	88103	NUT, 3/8NC
4	21572	GP II SHIN	20	21579	GP II TRASHBOARD BRACKET
5	21932	GP II 7/16x1-3/16 LEFT HAND SHARE BOLT	21	21581	GP II STEEL TRASHBOARD
6	21573	GP II SHARE 18"		NA	GP II PLASTIC TRASHBOARD
7	21933	GP II 1/2x1-1/4 LEFT HAND SHARE BOLT	22	NA	WASHER, 15/32x1-1/4 7GA
8	88461	NUT, 7/16NC LEFT HAND THREAD	23	88494	PLOW BOLT, 3/8NCx1-1/2 NO.3 HEAD GR5
9	NA	GP II RIGHT HAND FROG	24	88793	BOLT 5/8 X 3-3/4 HEX NC GR8
10	41414	NUT, 1/2NC LEFT HAND THREAD	25	21695	GP II STOP BLOCK
11	61132	WASHER, ELLENTRIC	26	89122	BOLT 5/8 X 3-1/2 HEX NC GR8
12	21929	NUT, 7/16NC GR8	27	89121	BOLT 3/4 X 2-1/2 HEX NC GR8
			28	61131	NUT, 5/8NF FLANGED GR8
			29	61133	FLAT WASHER, .15 x .656 x 1.31
				22003	GP II SHIM

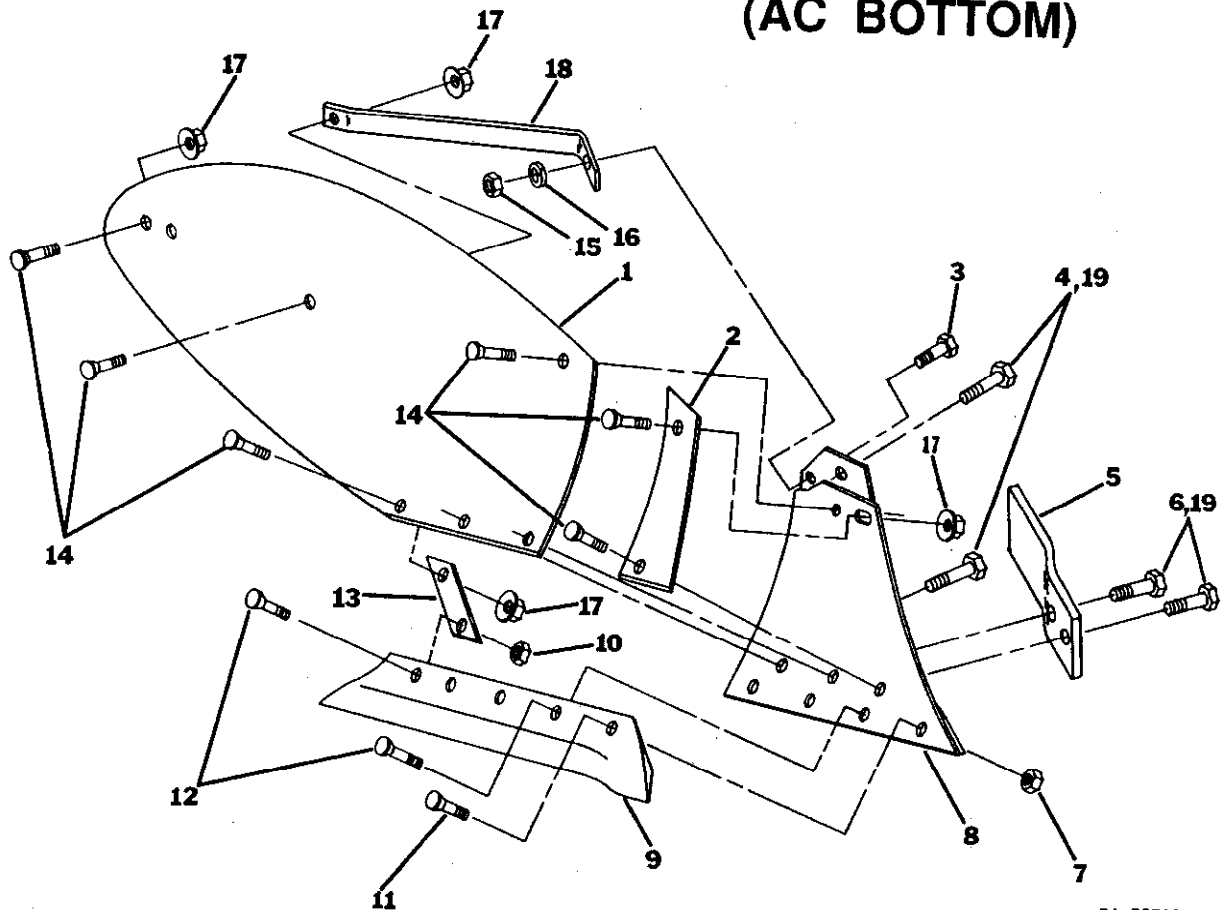
DEEP TILLAGE MOLDBOARD BOTTOM WITH TRASHBOARDS



ITEM	P/N	DESCRIPTION
	NA	DEEP TILLAGE BOTTOM (ITEMS 1-17)
	NA	DTB SOFT CENTER TRASHBOARD ASSEMBLY WITH HARDWARE
	NA	DTB PLASTIC TRASHBOARD ASSEMBLY WITH HARDWARE
1	88423	PLOW BOLT 7/16 NC X 1-1/4 NO. 3 HEAD GR 5
2	88152	FLAT WASHER, 7/16
3	88270	NUT, 7/16 NC
4	21078	SHARE BOLT, 1/2 NC X 1-1/4 LEFT HAND THREAD
5	NA	18" SHARE WITH HARDWARE
6	88462	NUT, 1/2 NC LEFT HAND THREAD
7	NA	FROG ASSEMBLY, DTB
8	88509	BOLT, 5/8 NF X 3 GR 8
9	88511	PLOW BOLT, 5/8 NF X 3 GR 8
10	88464	PLOW BOLT, 7/16 NC X 2-1/4 NO. 3 HEAD GR 5

ITEM	P/N	DESCRIPTION
11	88599	PLOW BOLT, 7/16 NC X 1-1/2 NO. 3 GR5
12	14256	WEAR PAD
13	NA	LANDSIDE, DTB WITH HARDWARE
14	20037	SHIN, DTB WITH HARDWARE
15	20038	18" MOLDBOARD, DTB WITH HARDWARE
16	88122	NUT, 5/8 NF
17	88277	FLAT WASHER, 5/8
18	88494	PLOW BOLT, 3/8 NC X 1-1/2 NO. 3 HEAD GR 5
19	21581	SOFT CENTER TRASHBOARD WITH HARDWARE
20	NA	TRASHBOARD BRACKET
21	88282	FLAT WASHER, 3/8
22	88362	LOCK WASHER, 3/8
23	88103	NUT, 3/8 NC

HIGH SPEED MOLDBOARD BOTTOM (AC BOTTOM)



PI-75713

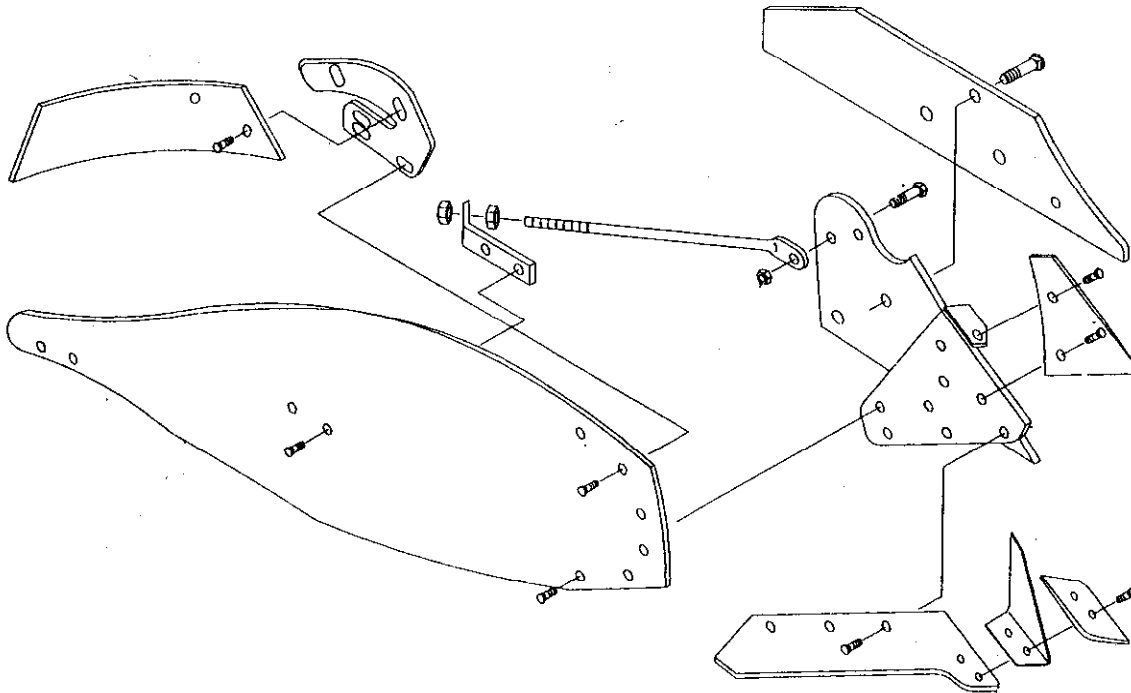
ITEM P/N DESCRIPTION

	NA	18" HIGH SPEED BOTTOM (ITEMS 1-3, 5-18)
1	NA	HIGH SPEED MOLDBOARD ASSEMBLY WITH HARDWARE
2	NA	HIGH SPEED SHIN ASSEMBLY WITH HARDWARE
3	88475	BOLT, 1/2NC X 1-1/2 GR 5
4	88409	BOLT, 5/8NC X 2-1/2 GR 5
5	16273	LANDSIDE
6	88408	BOLT, 5/8NC X 3 GR 5
7	88462	NUT, 1/2NC LH
8	NA	FROG ASSEMBLY

ITEM P/N DESCRIPTION

9	16274	18" SHARE, HIGH SPEED
10	88461	NUT, 7/16 NC LH
11	NA	SHARE BOLT, 1/2NC X 1-1/4 LH (SMALL HEAD)
12	88458	SHARE BOLT, 7/16NC X 1-1/4
13	NA	STRAP
14	88459	PLOW BOLT, 3/8NC X 1-1/4 GR 5
15	88104	NUT, 1/2 NC
16	88303	LOCK WASHER, 1/2
17	88463	WHIZ LOCK NUT, 3/8 NC
18	NA	MOLDBOARD BRACE
19	88369	LOCK NUT, 5/8 NC

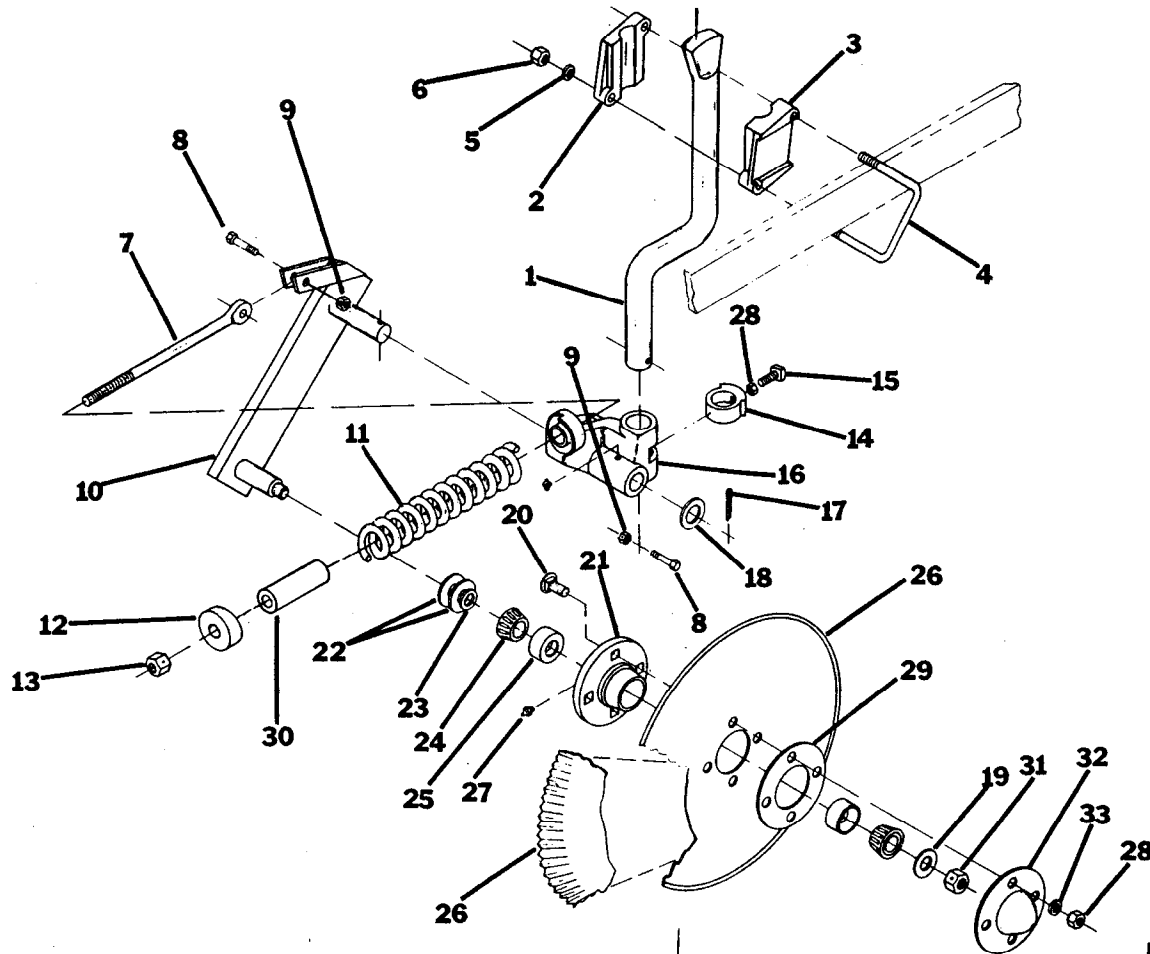
EUROPEAN MOLDBOARD BOTTOM



CI-78786

**ALL SERVICE PARTS
HAVE BEEN DISCONTINUED**

COMPRESSION COULTER



PI-75722

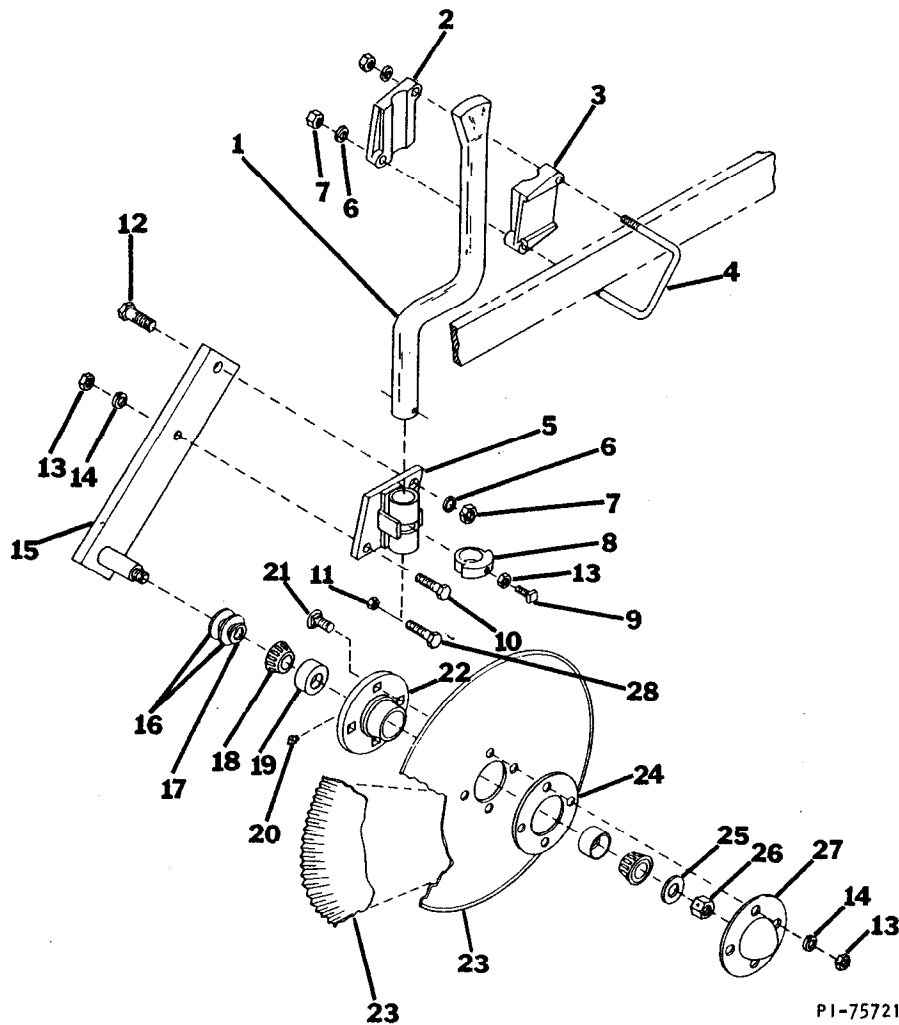
ITEM	P/N	DESCRIPTION
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	NA	20" PLAIN COULTER ASSEMBLY
	15536	20" RIPPLED COULTER ASSEMBLY
1	58017	COULTER CRANK
2	15522	OUTER MOUNT PLATE
3	15521	INNER MOUNT PLATE
4	88453	U-BOLT, 5/8NC X 4 X 4-1/2
5	88129	LOCK WASHER, 5/8
6	88126	NUT, 5/8 NC
7	58016	ADJUSTMENT ROD
8	19948	SPRING BOLT
9	88363	LOCK NUT, 1/2 NC
10	15523	COULTER ARM ASSEMBLY
11	15529	COMPRESSION SPRING
12	42074	TOP SPRING CAP
13	88369	LOCK NUT, 5/8 NC
14	16126	STOP COLLAR (WITH ITEMS 15, 28)
15	88454	SQUARE HEAD SET SCREW, 1/2NC X 1-1/2
16	58015	MACHINED COULTER CASTING

ITEM	P/N	DESCRIPTION
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17	88133	COTTER PIN, 3/16 X 2
18	88449	MACHINERY BUSHING, 1-1/4 X 1-7/8 X 10 GA
19	19949	3/4 ID SPINDLE WASHER
20	88873	CARRIAGE BOLT, 1/2NC X 1-1/2
21	19998	COULTER HUB ASSEMBLY (INCLUDES ITEMS 25, 27)
22	88439	MACHINERY BUSHING, 1-1/4 X 2-1/4
23	88440	MACHINERY BUSHING, 1-1/4 X 1-7/8
24	19996	BEARING CONE
25	10344	OUTER BEARING CUP
26	14400	20" RIPPLED BLADE
	14957	20" PLAIN BLADE
27	88263	GREASE FITTING, 1/8 NPT
28	88104	NUT, 1/2 NC
29	15471	COULTER GASKET
30	42075	SPRING TUBE
31	88306	LOCK NUT, 3/4 NF
32	14367	DUST COVER
33	88303	LOCK WASHER, 1/2

SHEAR BOLT COULTER

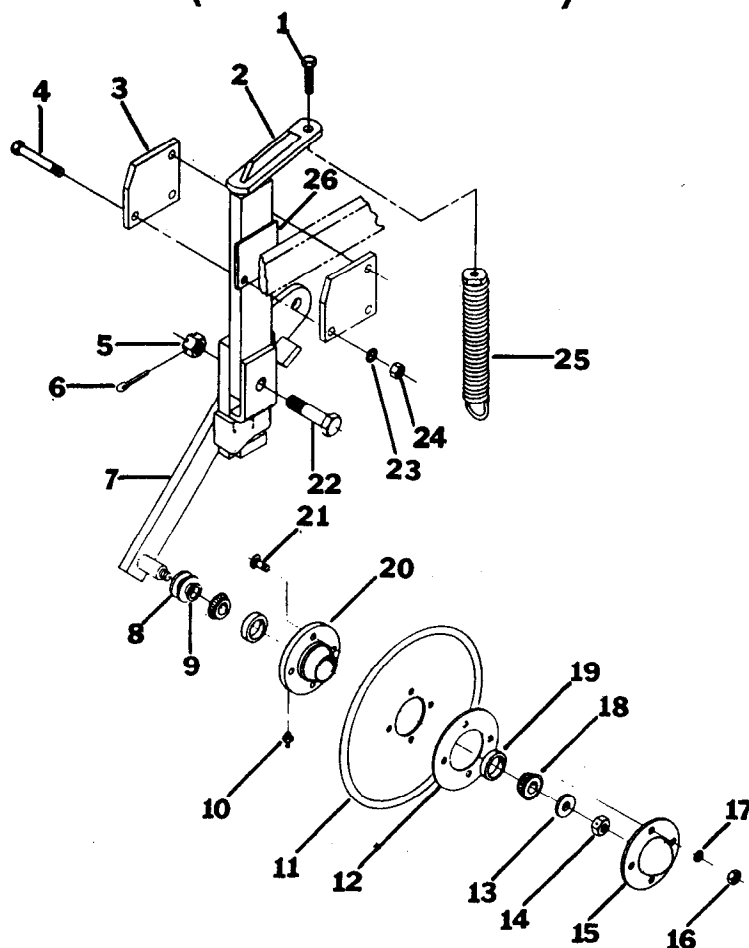


PI-75721

ITEM	P/N	DESCRIPTION
	NA	22" PLAIN SHEAR BOLT COULTER
	NA	22" RIPPLED SHEAR BOLT COULTER
	NA	20" RIPPLED SHEAR BOLT COULTER
	NA	20" PLAIN SHEAR BOLT COULTER
1	15532	COULTER CRANK
2	15522	OUTER MOUNT PLATE
3	15521	INNER MOUNT PLATE
4	88453	U-BOLT, 5/8NC X 4 X 4-1/2
5	NA	BRACKET
6	88129	LOCK WASHER, 5/8
7	88126	NUT, 5/8 NC
8	16126	STOP COLLAR WITH (ITEMS 9 & 13)
9	88454	SQUARE HEAD SET SCREW 1/2NC X 1-1/2
10	88679	BOLT, 1/2NC X 2
11	88363	LOCK NUT, 1/2 NC
12	88294	BOLT, 5/8NC X 2
13	88104	NUT, 1/2 NC

ITEM	P/N	DESCRIPTION
14	88303	LOCK WASHER, 1/2
15	NA	ARM ASSEMBLY
16	88439	MACHINERY BUSHING, 1-1/4 X 2-1/4
17	88440	MACHINERY BUSHING, 1-1/4 X 1-7/8
18	19996	BEARING CONE
19	10344	BEARING CUP
20	88263	GREASE FITTING, 1/8 NPT
21	88445	CARRIAGE BOLT, 1/2 NC X 1-1/2
22	19998	COULTER HUB WITH 10344 (ITEM 19)
23	14400	20" RIPPLED BLADE
	14957	20" PLAIN BLADE
	20311	22" PLAIN BLADE
	NA	22" RIPPLED BLADE
24	15471	COULTER GASKET
25	19949	3/4 ID SPINDLE WASHER
26	88306	LOCK NUT, 3/4
27	14367	DUST COVER
28	19948	SPRING BOLT

EXTENSION COULTER (NON-CURRENT)



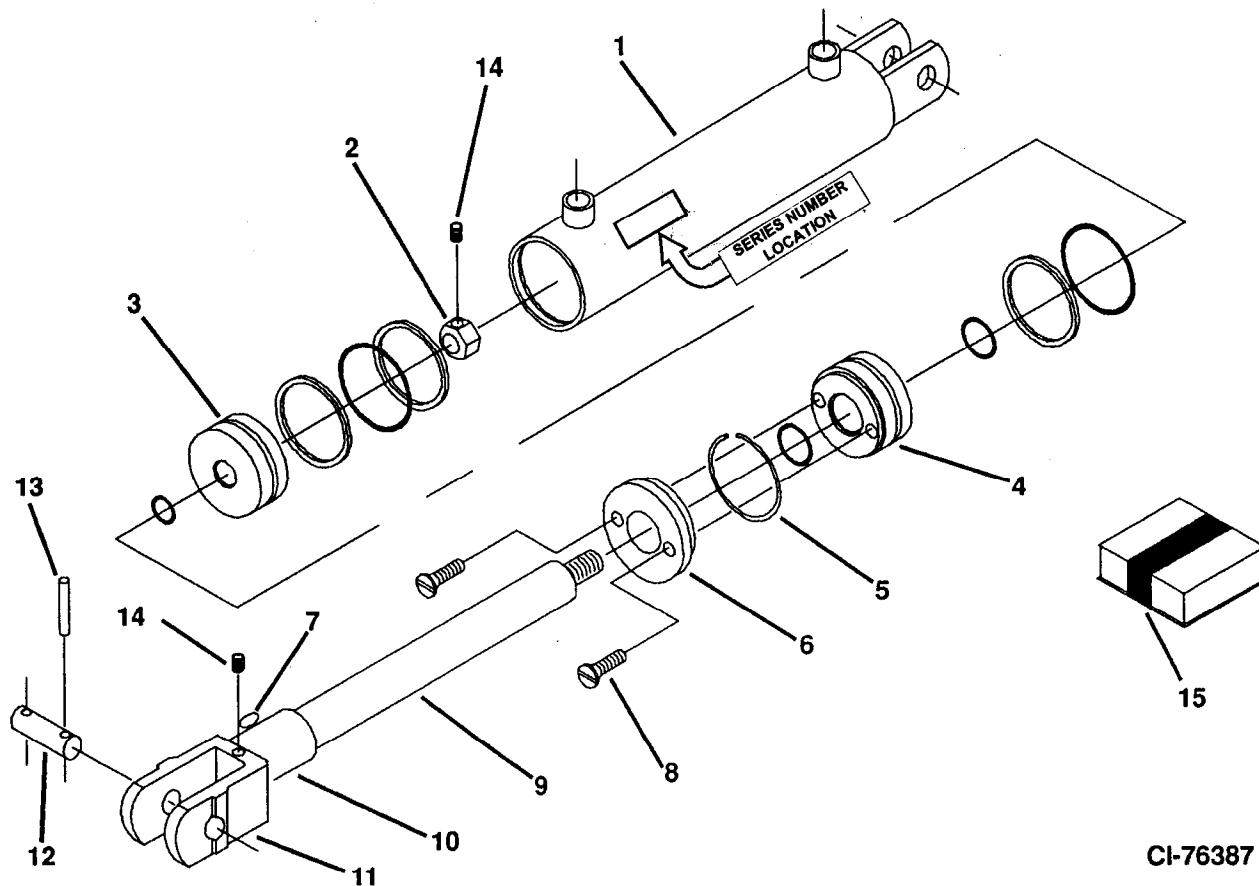
PI-76384

ITEM	P/N	DESCRIPTION
	NA	20" PLAIN COULTER
	NA	18" PLAIN COULTER
	NA	20" RIPPLED COULTER
1	14340	BOLT, ADJUSTMENT (5/8 X 4)
2	NA	MOUNTING BRACKET ASSEMBLY
3	NA	MOUNTING PLATE
4	88381	BOLT, 5/8NC X 4-1/2 GR 5
5	88299	SLOTTED NUT, 1 NF
6	88133	COTTER PIN, 3/16 X 2
7	NA	BOTTOM SWING ASSEMBLY
8	88439	MACHINERY BUSHING, 2-1/4 OD
9	88440	MACHINERY BUSHING, 1-7/8 OD
10	88263	GREASE FITTING, 1/8 NPT
11	NA	18" PLAIN COULTER BLADE
	14957	20" PLAIN COULTER BLADE
	14400	20" RIPPLED COULTER BLADE

ITEM	P/N	DESCRIPTION
12	15471	COULTER GASKET
13	88131	FLAT WASHER, 3/4
14	88306	LOCK NUT, 3/4 NF
15	14367	DUST COVER
16	88104	NUT, 1/2 NC
17	88303	LOCK WASHER, 1/2
18	NA	SEALED BEARING
19	NA	BEARING CUP
20	NA	COULTER HUB
21	88445	CARRIAGE BOLT, 1/2NC X 1-1/2
22	NA	PIVOT BOLT
23	88129	LOCK WASHER, 5/8
24	88126	NUT, 5/8 NC
25	15403	SPRING CASTING ASSEMBLY
26	NA	COULTER SHIM

3 X 6 CYLINDER with EXTENDED COLLAR

SERIES – RI, B or A519CY18 – 51238F1



POSSIBLE SERIES NUMBERS

RI
B
A519CY18 – 51238F

ITEM PART NO. DESCRIPTION

	51238F	3 X 6 TOP BYPASS CYLINDER
1	NA	CYLINDER TUBE
2	14824	PISTON LOCK NUT
3	12308	PISTON
4	51206	END GLAND
5	12303	SNAP RING
6	14920	STOP PLATE

ITEM PART NO. DESCRIPTION

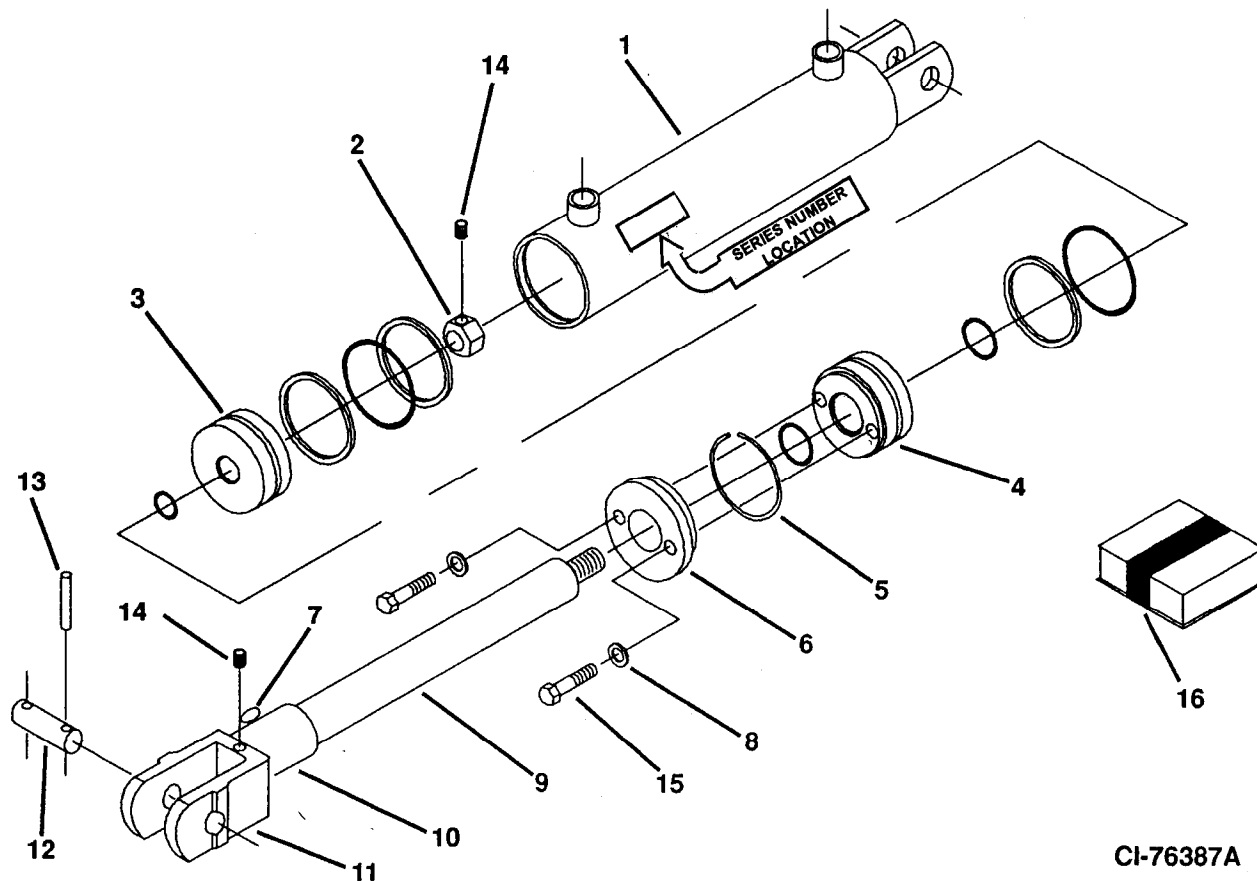
7	88387	THUMB SCREW 3/8NC X 1/2
8	88508	MACHINE SCREW, 1/4NC X 1
9	13569	CYLINDER ROD
10	14921	STOP COLLAR SCREW STOP (1-1/2X4.42)
11	14822	CYLINDER YOKE
12	42473	CYLINDER PIN
13	42484	CYLINDER LOCK PIN
14	88706	SET SCREW 5/16NC X 5/16
15	233831	SEAL KIT (SERIES RI & B)
	233842	SEAL KIT (SERIES A519CY18 – 51238F)

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

4 X 6 CYLINDER with EXTENDED COLLAR

SERIES – RC, BA or A519CY17 – 51228F



CI-76387A

POSSIBLE SERIES NUMBERS

RC
BA
A519CY17 – 51228F

ITEM PART NO. DESCRIPTION

	51228F	4 X 8 SCREW STOP CYLINDER
1	NA	CYLINDER TUBE
2	14824	PISTON LOCK NUT
3	12282	PISTON
4	42576	END GLAND
5	12286	SNAP RING
6	13851	STOP PLATE
7	88387	THUMB SCREW 3/8NC X 1/2

ITEM PART NO. DESCRIPTION

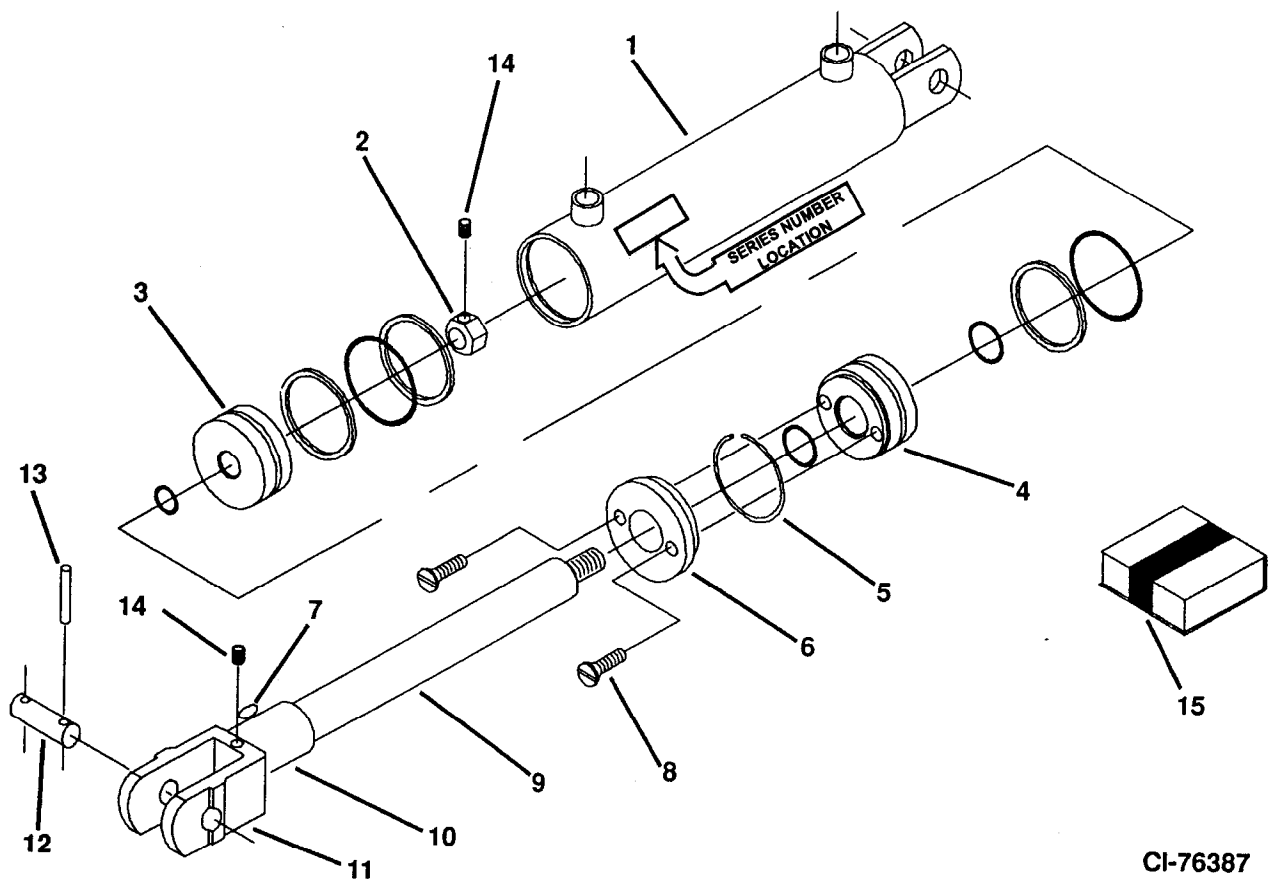
8	88362	3/8 LOCK WASHER
9	13569	CYLINDER ROD
10	55664	STOP COLLAR SCREW STOP (1-1/2X4.42)
11	67658	CYLINDER YOKE
12	42473	CYLINDER PIN
13	42484	CYLINDER LOCK PIN
14	88706	SET SCREW 5/16NC X 5/16
15	88553	3/8NC x 1-1/2 GR5 BOLT
16	233833	SEAL KIT (SERIES RC & BA)
	233841	SEAL KIT (SERIES A519CY17 – 51228F)

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

3 X 8 SCREW STOP CYLINDER

SERIES - RJ, DA or A519CY12 - 51239F



CI-76387

POSSIBLE SERIES NUMBERS

RJ
DA
A519CY12 - 51239F

ITEM PART NO. DESCRIPTION

51239F		3 X 8 SCREW STOP CYLINDER
1	NA	CYLINDER TUBE
2	14824	PISTON LOCK NUT
3	12308	PISTON
4	51206	END GLAND
5	12303	SNAP RING
6	14920	STOP PLATE

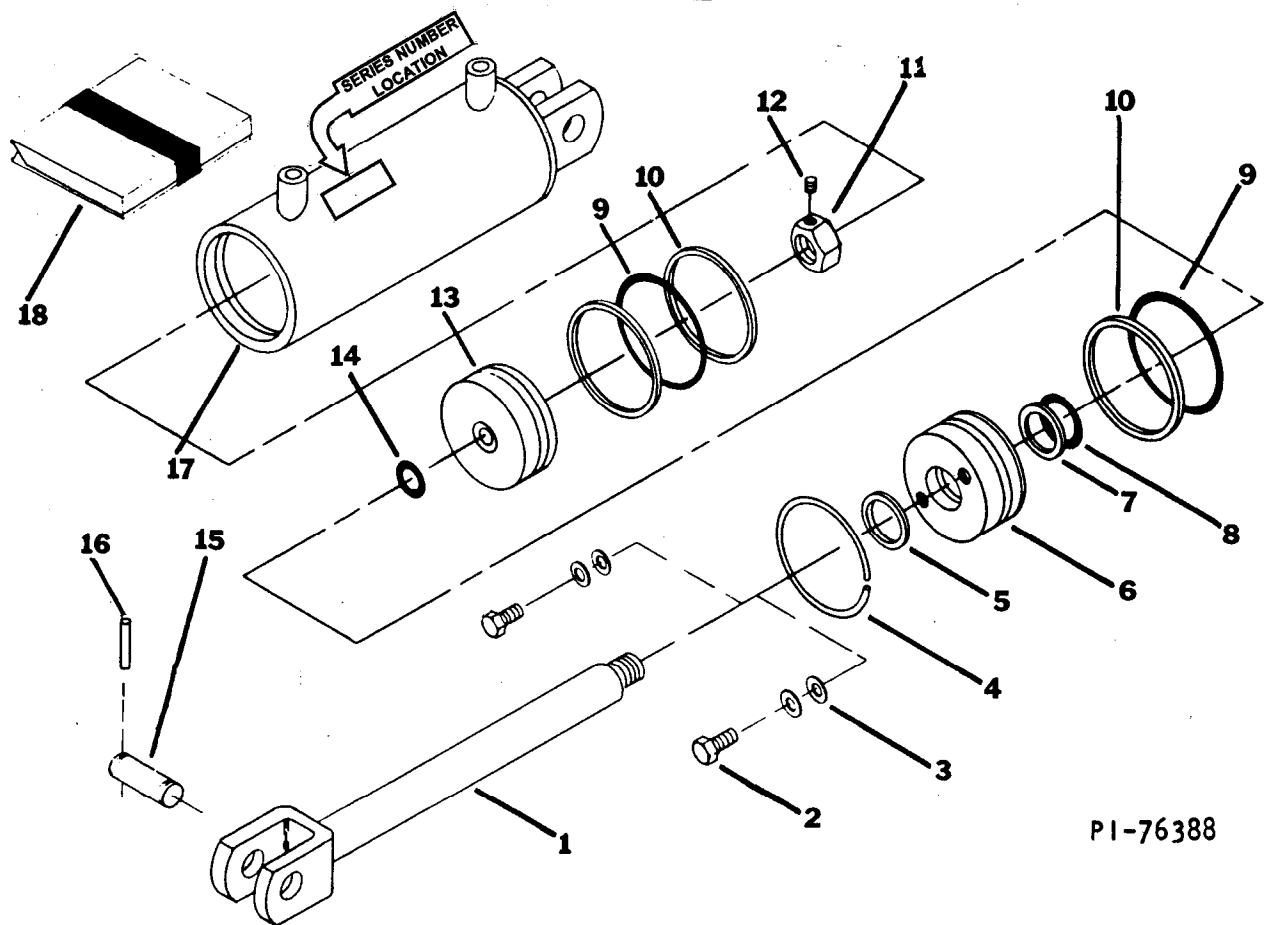
ITEM PART NO. DESCRIPTION

7	88387	THUMB SCREW 3/8NC X 1/2
8	88508	MACHINE SCREW, 1/4NC X 1
9	13569	CYLINDER ROD
10	55664	STOP COLLAR SCREW STOP (1-1/2X4.42)
11	67658	CYLINDER YOKE
12	42473	CYLINDER PIN
13	42484	CYLINDER LOCK PIN
14	88706	SET SCREW 5/16NC X 5/16
15	233831	SEAL KIT (SERIES RJ & DA)
	233842	SEAL KIT (SERIES A519CY12 - 51239F)

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

3 X 8 CYLINDER (NON-CURRENT) SERIES - D



PI-76388

ITEM P/N DESCRIPTION

1	NA	3 X 8 STANDARD CYLINDER
	NA	CYLINDER ROD ASSEMBLY
2	88190	HEX, BOLT 1/4NC X 1/2
3	88261	FLAT WASHER, 1/4
4	12303	3" SNAP RING
5	NA	ROD WIPER
6	51206	END GLAND
7	NA	1-1/2" BACK UP WASHER
8	NA	1-1/2" O-RING
9	NA	3" PISTON SEAL

ITEM P/N DESCRIPTION

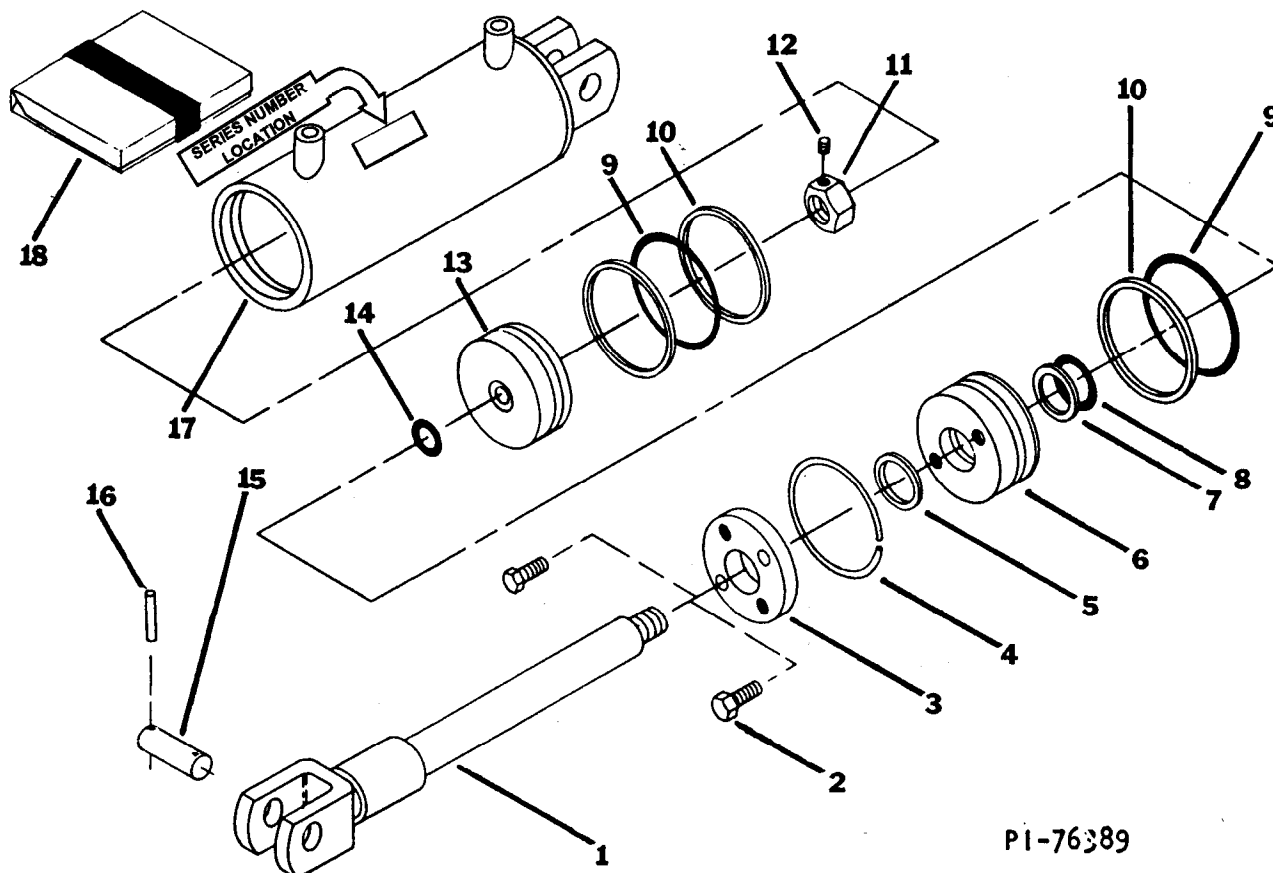
10	NA	3" BACK UP WASHER
11	14824	PISTON LOCK NUT
12	88161	SET SCREW, 1/4NC X 1/4
13	NA	PISTON
14	12290	SHAFT SEAL
15	42473	CYLINDER PIN
16	42484	SPRING PIN
17	NA	CYLINDER TUBE ASSEMBLY
18	233831	SEAL KIT

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

3-1/2 X 8 CYLINDER (NON-CURRENT)

SERIES - F



ITEM	P/N	DESCRIPTION
1	NA	3-1/2 X 8 CYLINDER CYLINDER ROD ASSEMBLY
2	88203	HEX BOLT, 1/4NC X 1
3	NA	STOP PLATE
4	12293	3-1/2" SNAP RING
5	NA	ROD WIPER
6	51206	3-1/2" CYLINDER GLAND
7	NA	1-1/2" BACK UP WASHER
8	NA	1-1/2" O-RING
9	NA	3-1/2" PISTON SEAL

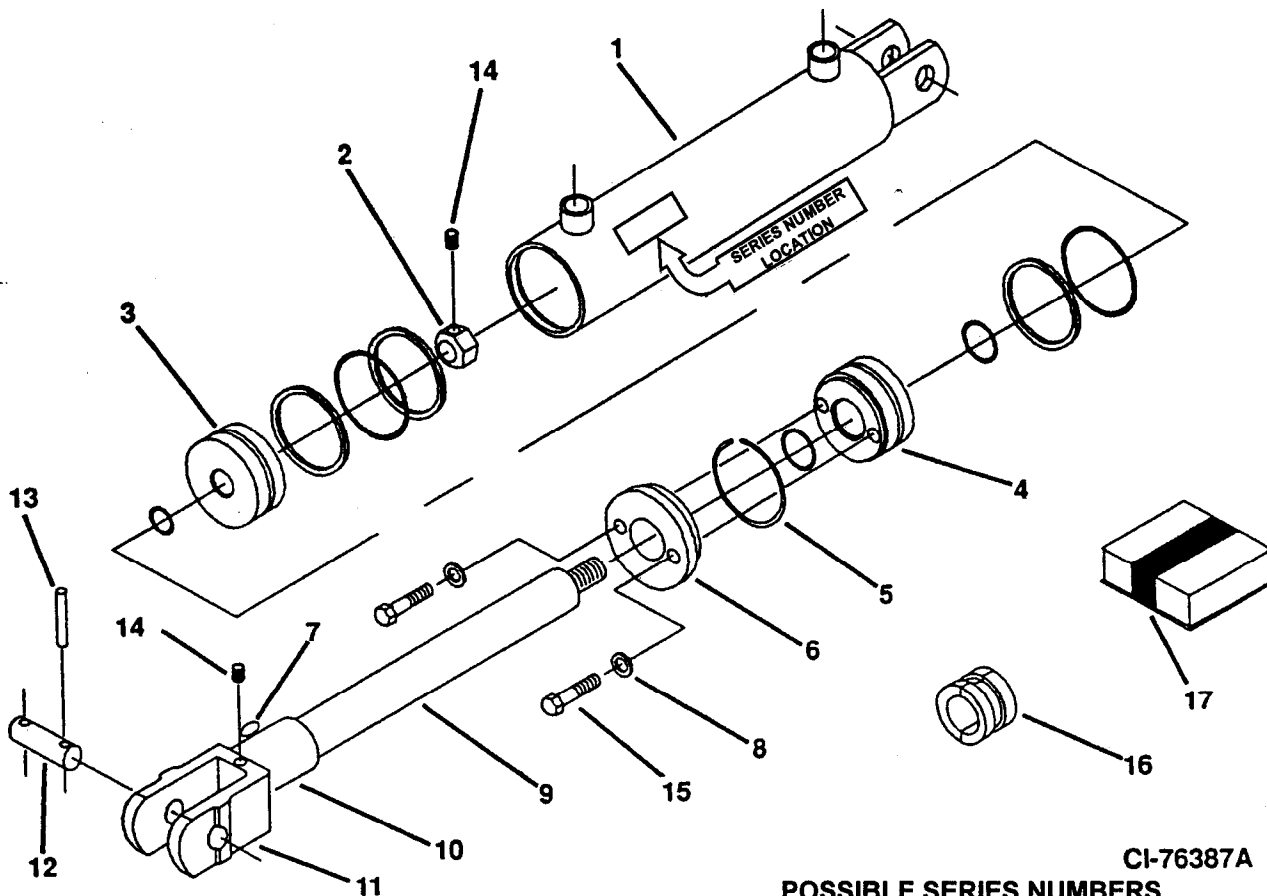
ITEM	P/N	DESCRIPTION
10	NA	3-1/2" BACK UP WASHER
11	NA	PISTON LOCK NUT
12	NA	SET SCREW, 1/4 - 20NC X 1/4
13	12299	CYLINDER PISTON
14	NA	SHAFT SEAL
15	42473	CYLINDER PIN
16	42484	SPRING PIN
17	NA	3-1/2 X 8 CYLINDER TUBE ASSEMBLY
18	233832	SEAL KIT

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

4 X 8 SCREW STOP CYLINDER

SERIES – RB, I or A519CY01 – 51227F1



CI-76387A

POSSIBLE SERIES NUMBERS

RB
I
A519CY01 – 51227F1

ITEM PART NO. DESCRIPTION

	51227F1	4 X 8 SCREW STOP CYLINDER
1	NA	CYLINDER TUBE
2	14824	PISTON LOCK NUT
3	12282	PISTON
4	42576	END GLAND
5	12286	SNAP RING
6	13851	STOP PLATE
7	88387	THUMB SCREW 3/8NC X 1/2
8	88362	3/8 LOCK WASHER

ITEM PART NO. DESCRIPTION

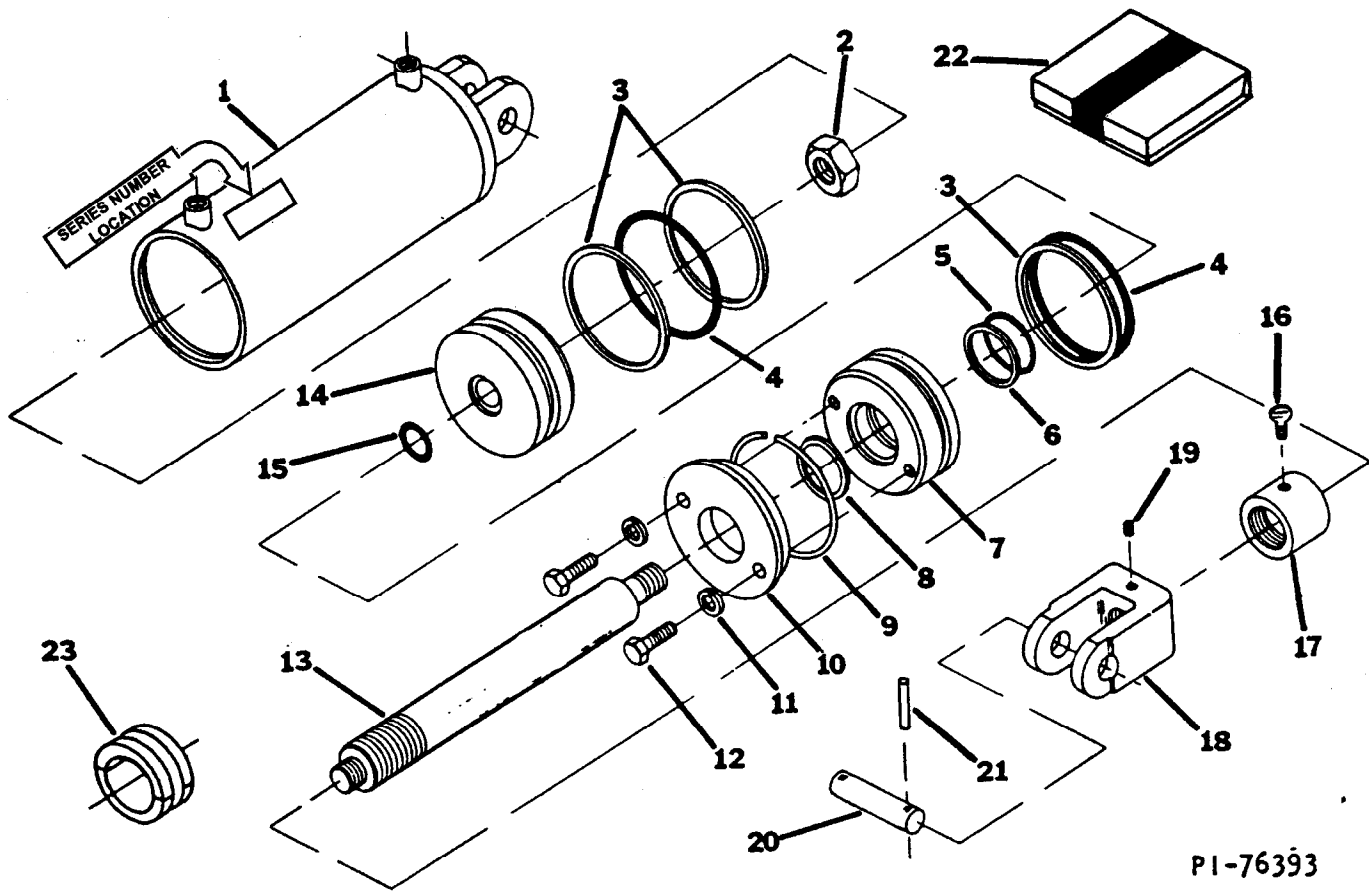
9	13569	CYLINDER ROD
10	55664	STOP COLLAR SCREW STOP (1-1/2X4.42)
11	67658	CYLINDER YOKE
12	42473	CYLINDER PIN
13	42484	CYLINDER LOCK PIN
14	88706	SET SCREW 5/16NC X 5/16
15	88553	3/8NC x 1-1/2 GR5 BOLT
16	15113	1-1/2" STOP COLLAR
17	233833	SEAL KIT (SERIES RB & I)
	233841	SEAL KIT (SERIES A519CY01 – 51227F1)

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

5 X 8 SCREW STOP CYLINDER

SERIES – Z, or A519CY15 – 13303F1



ITEM	P/N	DESCRIPTION
	13303F1	5 X 8 CYLINDER
1	NA	CYLINDER TUBE ASSEMBLY
2	42082	SELF LOCK JAM NUT, 1-1/2 NF
3	12330	5" BACK UP WASHER
4	12327	5" PISTON SEAL
5	14911	2" O-RING
6	14910	2" BACK UP WASHER
7	NA	5" CYLINDER GLAND
8	12328	2" ROD WIPER
9	12324	5" SNAP RING
10	13297	STOP PLATE
11	88362	LOCK WASHER, 3/8
12	88553	BOLT, 3/8NC X 1-1/2 GR 5

ITEM	P/N	DESCRIPTION
13	13299	CYLINDER ROD
14	13293	PISTON
15	12456	1-1/2" SHAFT SEAL
16	88387	THUMBSCREW, 3/8NC X 1/2
17	55666	STOP COLLAR SCREW STOP (2 X 2-1/4)
18	14825	ADJUSTABLE CYLINDER YOKE LARGE
19	88706	SET SCREW, 5/16NC X 5/16
20	42473	CYLINDER PIN
21	42484	SPRING PIN
22	233836	SEAL KIT (SERIES Z)
	233802	SEAL KIT (SERIES A519CY05 – 13303F)
23	15116	2" STOP COLLAR

POSSIBLE SERIES NUMBERS

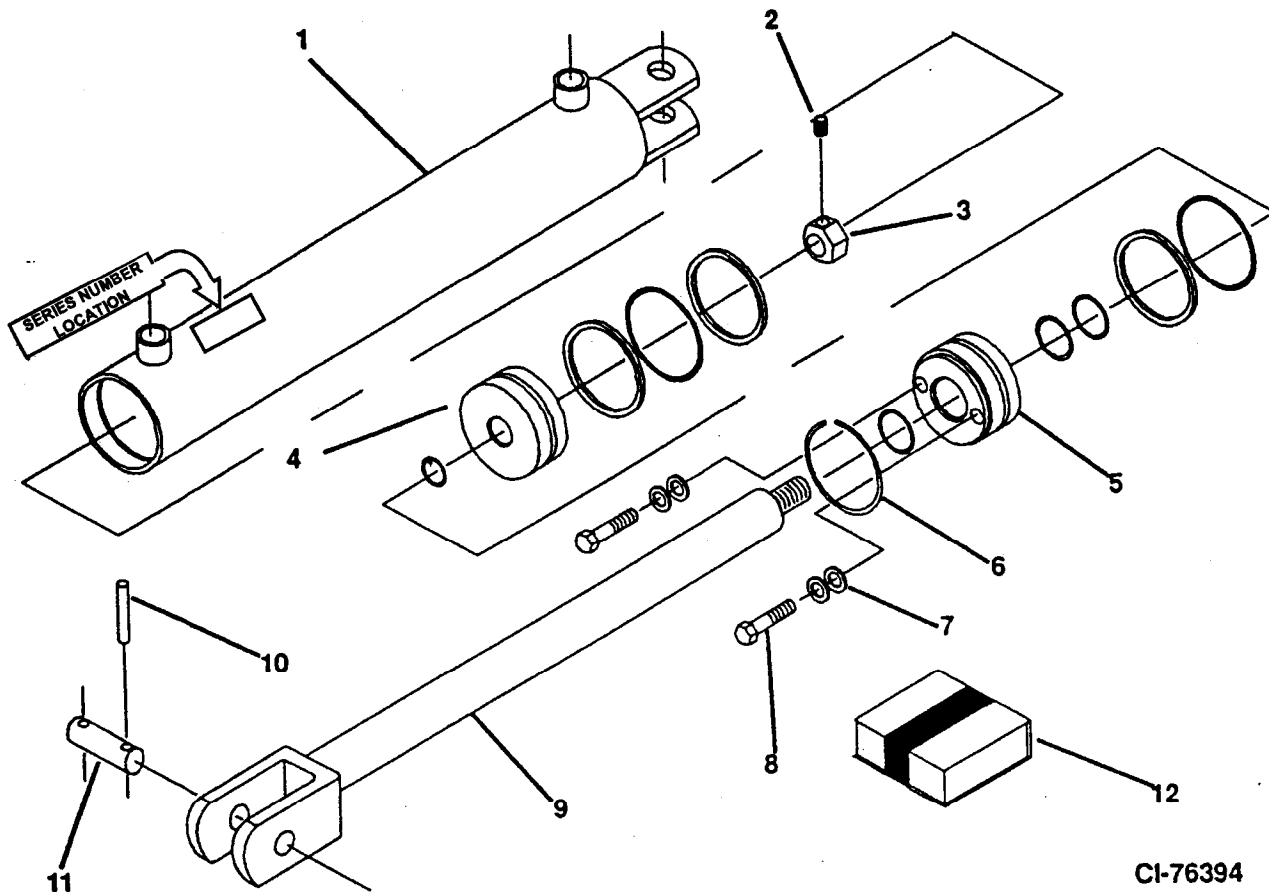
Z
A519CY15 – 13303F

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

3 X 12 SIDE PORT CYLINDER

SERIES – RK, GH or A519CY09 – 51240F



CI-76394

POSSIBLE SERIES NUMBERS

RK
GH
A519CY09 – 51240F

ITEM PART NO. DESCRIPTION

51240F 3 X 12 CYLINDER

1	NA	CYLINDER TUBE
2	88706	5/16NC x 5/16 SET SCREW
3	14824	PISTON LOCK NUT
4	12308	PISTON
5	51206	END GLAND

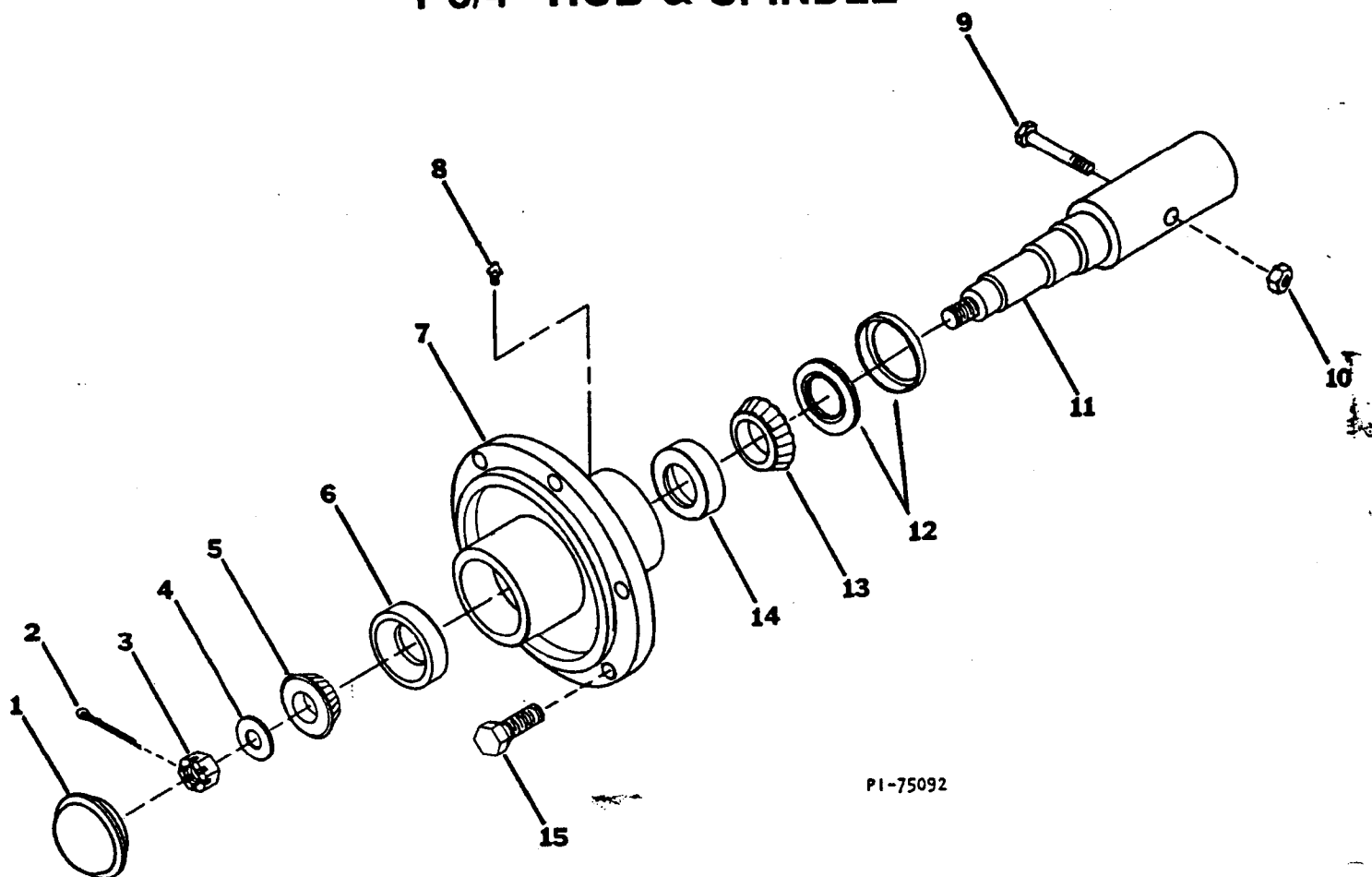
ITEM PART NO. DESCRIPTION

6	12303	SNAP RING
7	88855	1/4 FLAT WASHER
8	88190	1/4NC x 1/2 GR2 BOLT
9	NA	CYLINDER ROD ASSEMBLY
10	42484	CYLINDER LOCK PIN
11	42473	CYLINDER PIN
12	233831	SEAL KIT (SERIES RK & GH)
	233729	SEAL KIT (SERIES A519CY09 – 51240F)

IMPORTANT:

Need to know the Series Number on the cylinder to receive the correct parts. The serial plate on the plow will NOT help.

1-3/4" HUB & SPINDLE

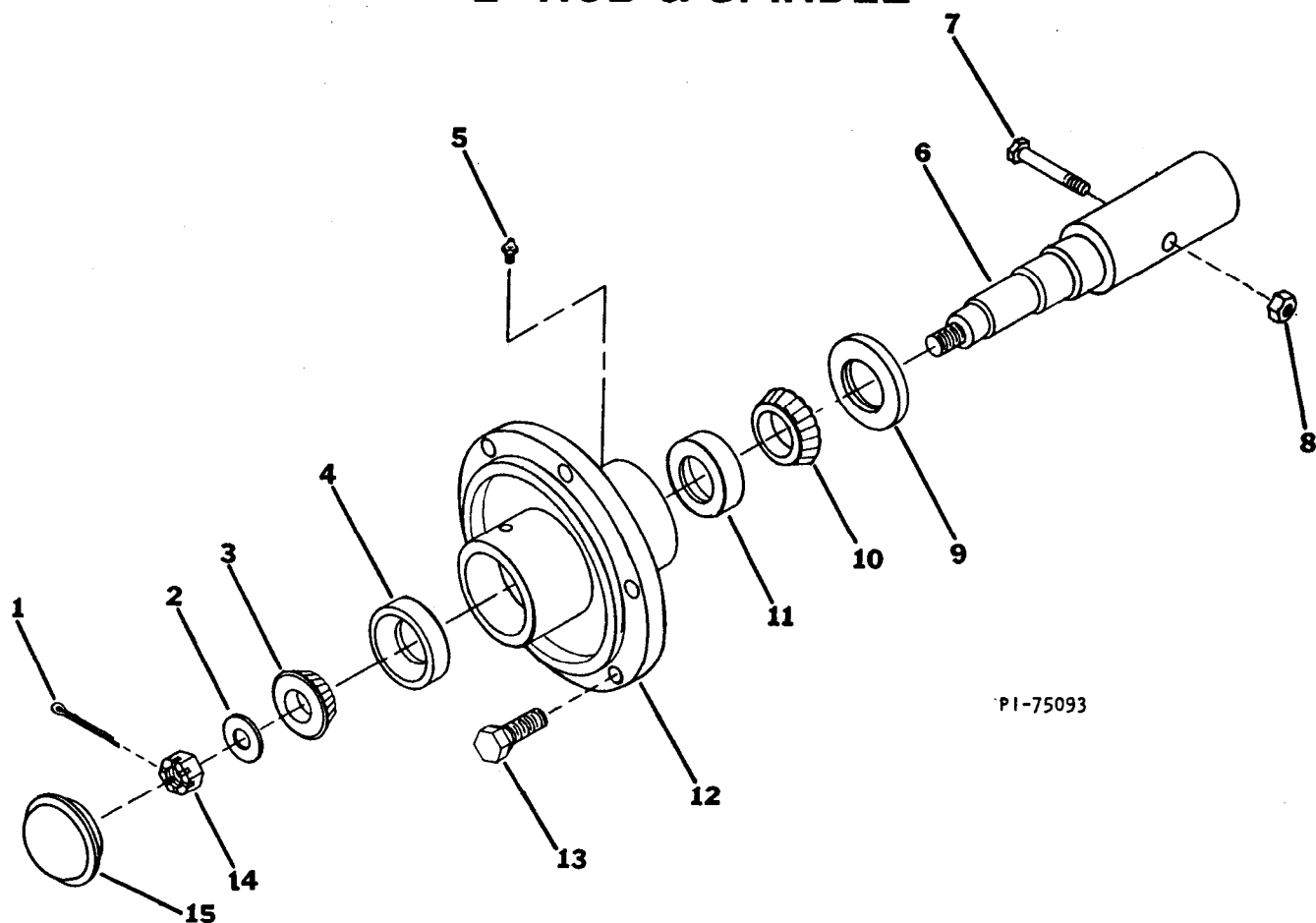


PI-75092

ITEM	P/N	DESCRIPTION
	41233	HUB & SPINDLE ASSEMBLY (ITEMS 1-8, 11-15)
1	11381	DUST CAP
2	88301	COTTER PIN, 3/16 X 1-1/2
3	88340	SLOTTED NUT, 7/8 NF
4	16094	SPINDLE WASHER, 7/8
5	10345	OUTER BEARING CONE
6	10344	OUTER BEARING CUP
7	30405	MACHINE HUB (INCLUDES 6,8 & 14)

ITEM	P/N	DESCRIPTION
8	88263	GREASE FITTING, 1/8 NPT
9	88313	BOLT, 1/2NF X 3 GR 5
10	88304	LOCK NUT, 1/2 NF
11	41232	SPINDLE
12	26121	TRIPLE LIP SEAL KIT
	25585	SEAL
	25586	SLEEVE
	76333	INSTUCTION
13	11378	INNER BEARING CONE
14	11379	INNER BEARING CUP
15	88142	WHEEL BOLT, 1/2NF X 1

2" HUB & SPINDLE



PI-75093

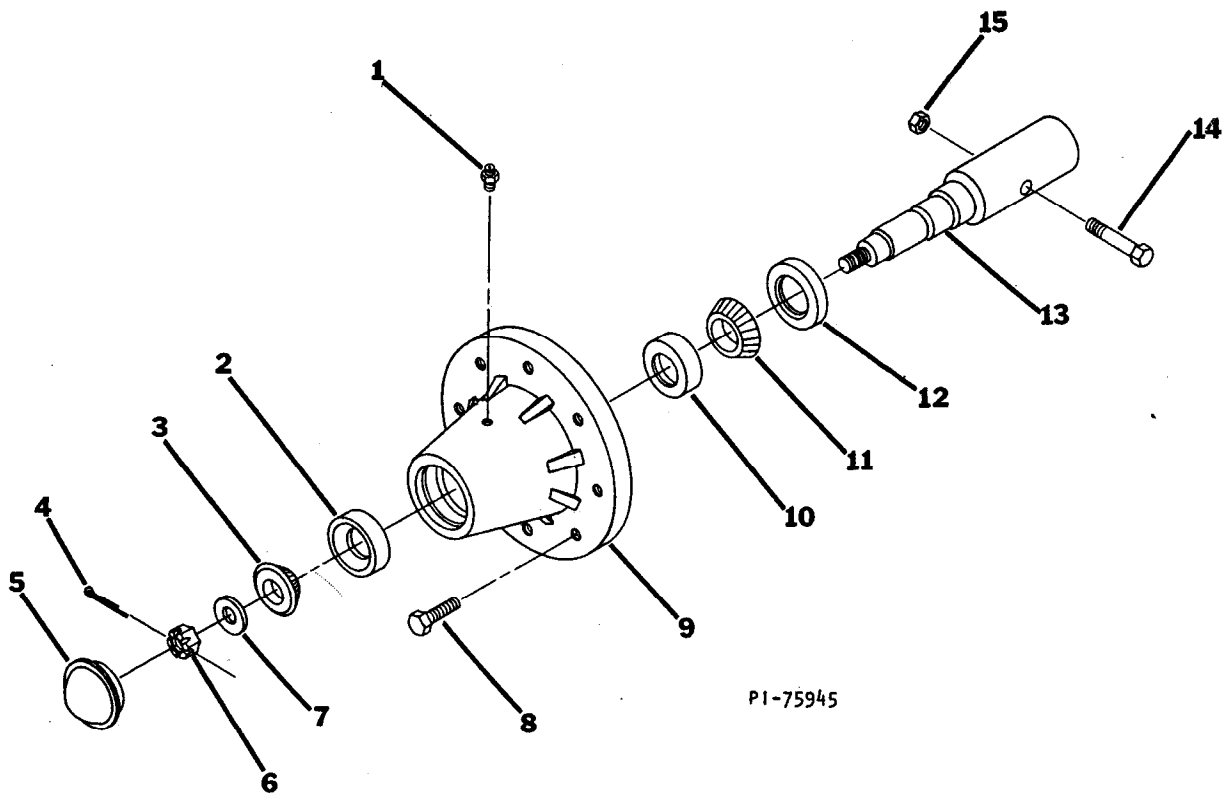
ITEM	P/N	DESCRIPTION
	14131	2" HUB & SPINDLE ASSEMBLY (ITEMS 1-6 & 9-15)
1	88301	COTTER PIN, 3/16 X 1-1/2
2	16094	FLAT WASHER, 7/8
3	10345	OUTER BEARING CONE
4	10344	OUTER BEARING CUP
5	88263	GREASE FITTING, 1/8 NPT
6	14251	2" AXLE SPINDLE

ITEM	P/N	DESCRIPTION
	14131	2" HUB & SPINDLE ASSEMBLY (ITEMS 1-6 & 9-15)
1	88301	COTTER PIN, 3/16 X 1-1/2
2	16094	FLAT WASHER, 7/8
3	10345	OUTER BEARING CONE
4	10344	OUTER BEARING CUP
5	88263	GREASE FITTING, 1/8 NPT
6	14251	2" AXLE SPINDLE

ITEM	P/N	DESCRIPTION
7	88429	BOLT, 1/2NF X 3-1/4 GR 5
8	88304	LOCK NUT, 1/2 NF
9	58546	SEAL
10	14248	INNER BEARING CONE
11	14249	INNER BEARING CUP
12	24097	2" MACHINED HUB (INCLUDES 4, 5 & 11)
13	88142	WHEEL BOLT, 1/2NF X 1
14	88340	SLOTTED NUT, 7/8 NF
15	11381	DUST CAP

ITEM	P/N	DESCRIPTION
7	88429	BOLT, 1/2NF X 3-1/4 GR 5
8	88304	LOCK NUT, 1/2 NF
9	58546	SEAL
10	14248	INNER BEARING CONE
11	14249	INNER BEARING CUP
12	24097	2" MACHINED HUB (INCLUDES 4, 5 & 11)
13	88142	WHEEL BOLT, 1/2NF X 1
14	88340	SLOTTED NUT, 7/8 NF
15	11381	DUST CAP

2-1/2" HUB & SPINDLE



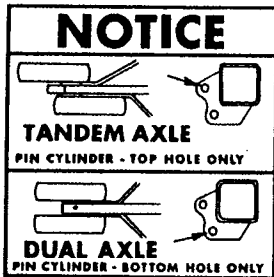
ITEM	P/N	DESCRIPTION
	16154	2-1/2" HUB & SPINDLE ASSEMBLY (ITEMS 1-13)
1	88143	GREASE FITTING, 1/4
2	16082	OUTER BEARING CUP
3	16081	OUTER BEARING CONE
4	88133	COTTER PIN, 3/16DIA x 2 LG
5	16077	HUB CAP
6	88299	SLOTTED HEX NUT, 1 NF
7	88196	FLAT WASHER, 1"

ITEM	P/N	DESCRIPTION
8	63831	WHEEL BOLT, 9/16NF X 1
9	41054	8 BOLT HUB, MACHINED
10	16084	INNER BEARING CUP
11	16083	INNER BEARING CONE
12	16080	SEAL (Years 1983 - 2002)
	235298	SEAL (Years 2003 - up)
13	16156	SPINDLE, 2-1/2" Dia.
14	88298	BOLT, 5/8 x 4 Hex NC GR8
15	88369	NUT, LOCK 5/8 NC

DECALS

WR WIL-RICH

1



5

2



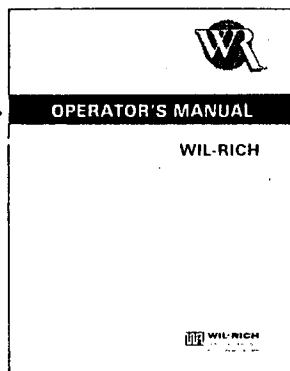
3



4



6



PI - 76791

ITEM	P/N	DESCRIPTION
1	64402	Decal, Wil-Rich (1.13 x 7.38)
	64403	Decal, Wil-Rich (1.75 x 11.63)
	64404	Decal, Wil-Rich (3.00 x 19.88)
2	18004	Decal, 2900
3	14327	Decal, Caution (for SMP models)

ITEM	P/N	DESCRIPTION
4	14328	Decal, Caution (for HMP models)
5	15317	Decal, Land Wheel
6	74946	Operator's Manual - SMP
	74945	Operator's Manual - SMMP & HMP