



ASSEMBLY INSTRUCTIONS

1400 SEEDBED FINISHER



WIL-RICH

PO Box 1030

Wahpeton, ND 58074

PH (701) 642-2621

Fax (701) 642-3372

www.wil-rich.com

PERSONAL SAFETY IS IMPORTANT!

ALL PERSONNEL INVOLVED WITH THE ASSEMBLY AND/OR OPERATION OF THIS EQUIPMENT MUST BE INFORMED OF PROPER SAFETY PROCEDURES. OPERATOR'S AND ASSEMBLY MANUALS PROVIDE THE NECESSARY INFORMATION. IF THE MANUAL IS LOST FOR A PARTICULAR IMPLEMENT, ORDER A REPLACEMENT AT ONCE. OPERATOR'S AND ASSEMBLY MANUALS ARE AVAILABLE AT NO CHARGE UPON REQUEST.

ADDRESS INQUIRIES TO:

WIL-RICH

PO BOX 1030

WAHPETON, ND 58074

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ASSEMBLY INFORMATION

Remove all wires and arrange the parts conveniently.

NOTE: Always wear safety glasses or goggles and be careful when cutting wires and steel bands as they are under tension and will spring back when cut.

Whenever the terms "left" and "right" are used, it should be understood to mean from a position behind and facing the machine.

Lubricate all bearings and moving parts as you proceed and make sure they work freely.

Loosely install all bolts connecting mating parts before final tightening.

When tightening bolts, they should be torqued to the proper number of foot-pounds as indicated in the table unless specified. It is important that all bolts be kept tight.

On new machines, all nuts and bolts should be rechecked after a few hours of operation.

When replacing a bolt, use only a bolt of the same grade or higher.

Bolts with no markings are grade 2.

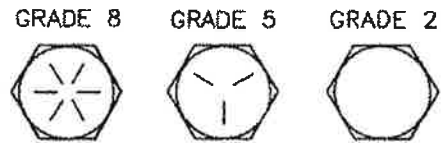
Grade 5 bolts furnished with the machine are identified by three radial lines on the head.

Grade 8 bolts furnished with the machine are identified by six radial lines on the head.


All U-bolts are grade 5.

TORQUE IN FOOT POUNDS

BOLT DIA	3/8	1/2	5/8	3/4	7/8	1
HEX HEAD	9/16	3/4	15/16	1-1/8	1-5/16	1-1/2
UNC GRADE	2	18	45	89	160	320
	5	30	68	140	240	544
	8	40	100	196	340	792
UNF GRADE	2	21	51	102	178	368
	5	32	70	168	264	572
	8	48	112	216	368	840




CI-75623



THIS SYMBOL IS USED TO CALL YOUR ATTENTION TO INSTRUCTIONS CONCERNING YOUR PERSONAL SAFETY. BE SURE TO OBSERVE AND FOLLOW THESE INSTRUCTIONS.

CI-77637



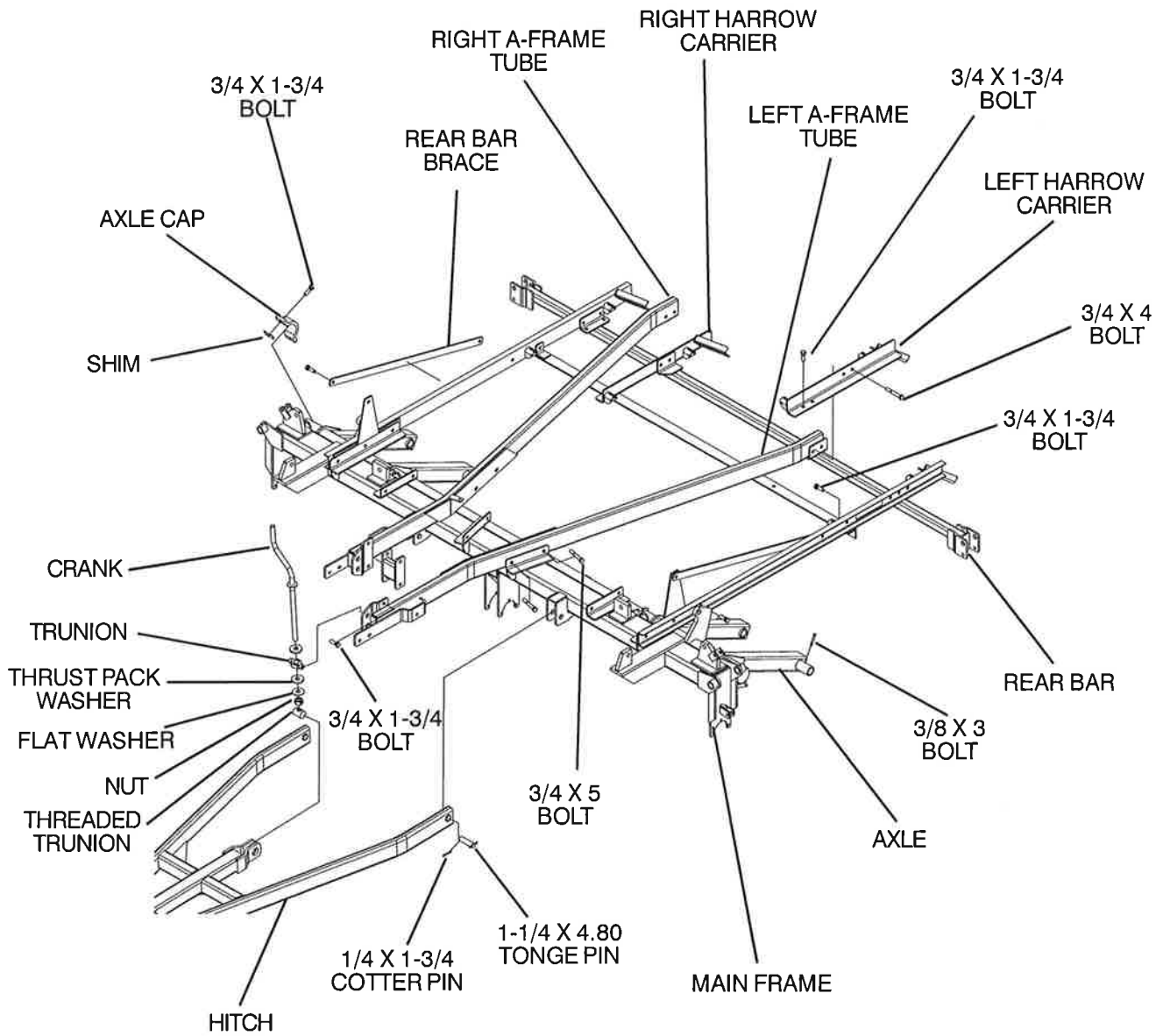
CAUTION

FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY AND/OR EQUIPMENT DAMAGE.

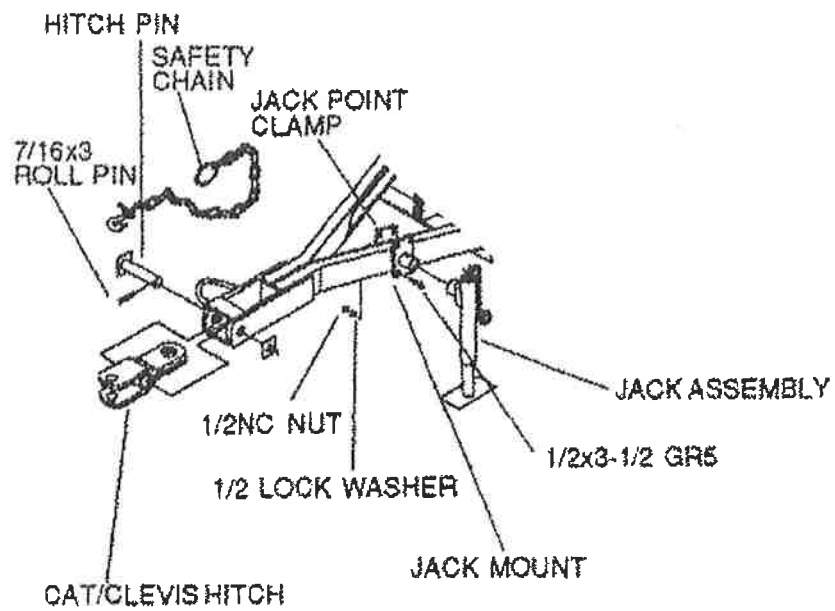
- JUST BEFORE AND DURING OPERATION BE SURE NO ONE IS ON OR AROUND THE IMPLEMENT.
- BEFORE LOWERING THE WINGS FOR THE FIRST TIME, MAKE SURE THE ENTIRE SYSTEM HAS BEEN CHARGED WITH OIL.
- BEFORE ACTIVATING THE HYDRAULIC SYSTEM, CHECK HOSES FOR PROPER CONNECTIONS.
- WITH WINGS DOWN ALWAYS INSTALL HYDRAULIC CYLINDER CHANNEL LOCK(S) FOR TRANSPORTING.

49165

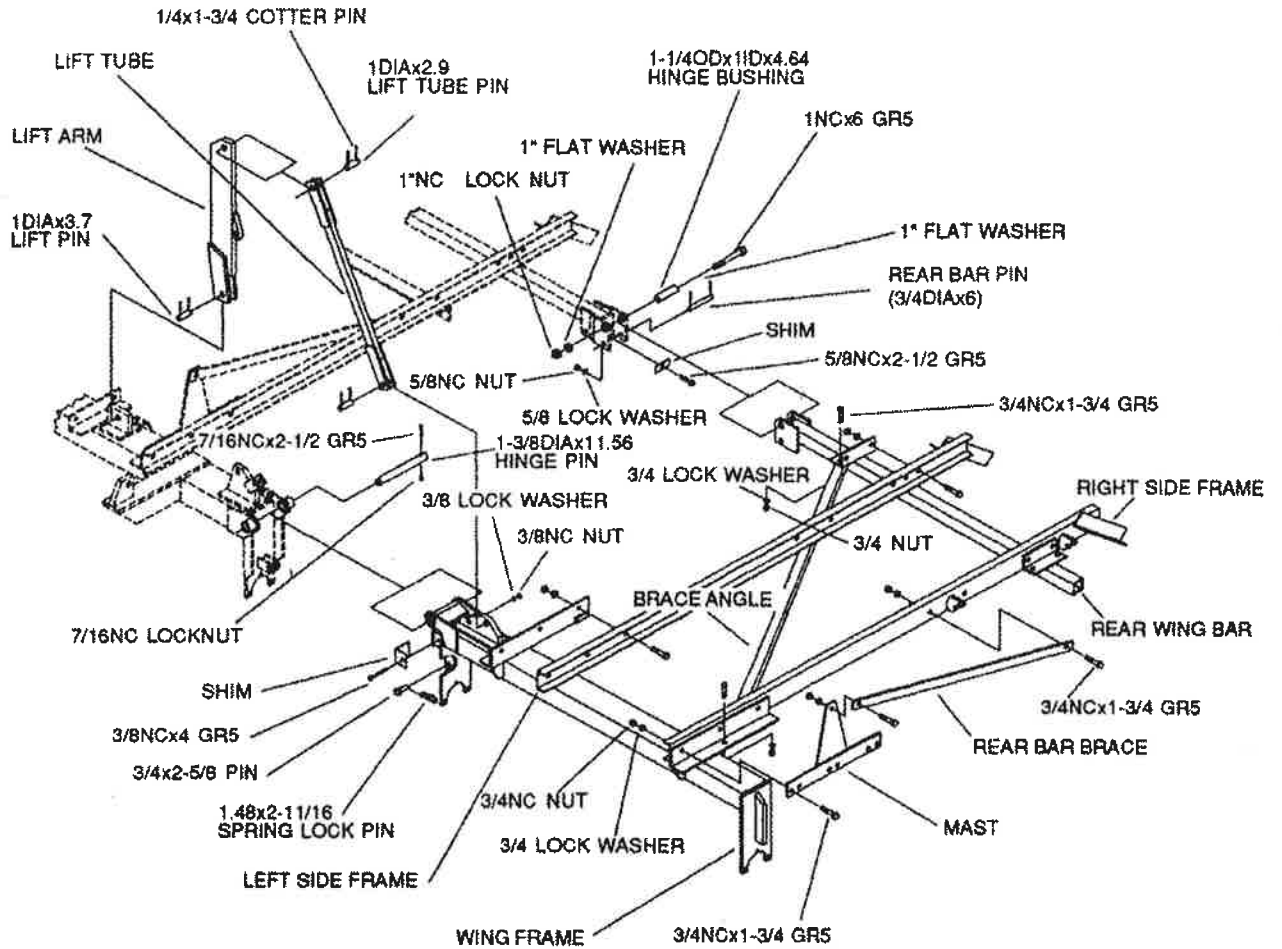
MAIN FRAME ASSEMBLY



HITCH ATTACHMENTS



19'3" & 25'10" WING



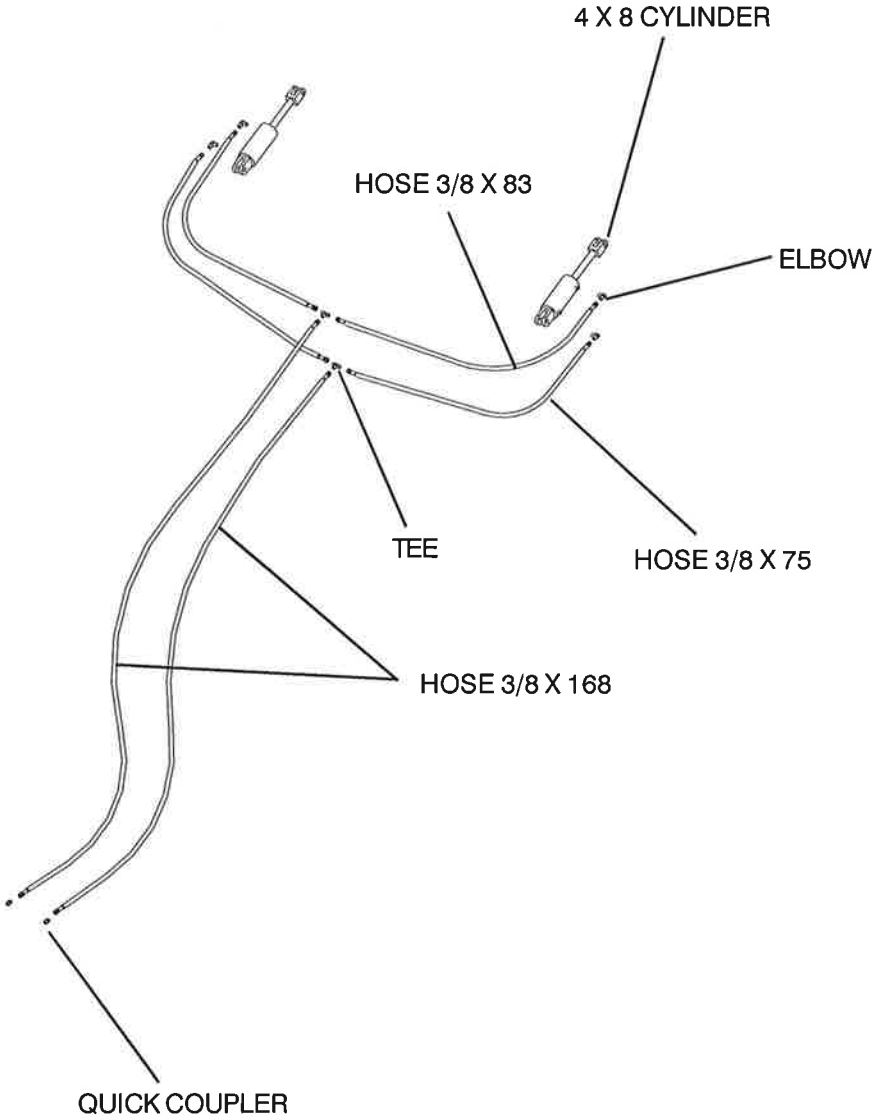
CI - 77880

! WARNING

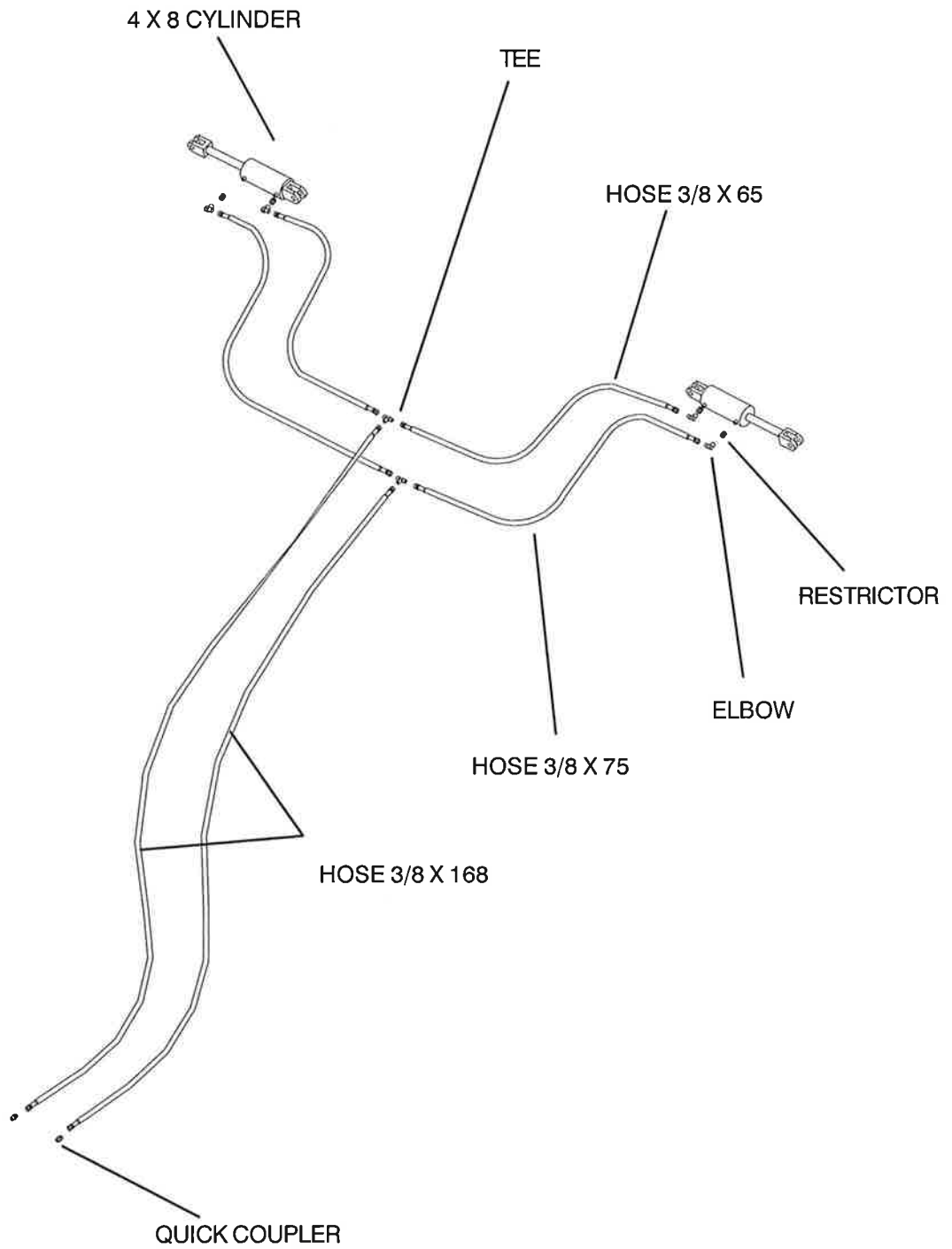
TO AVOID INJURY FROM MACHINE FALLING

Before servicing or transporting, lock wheel frame in raised position with channel lock and pin.

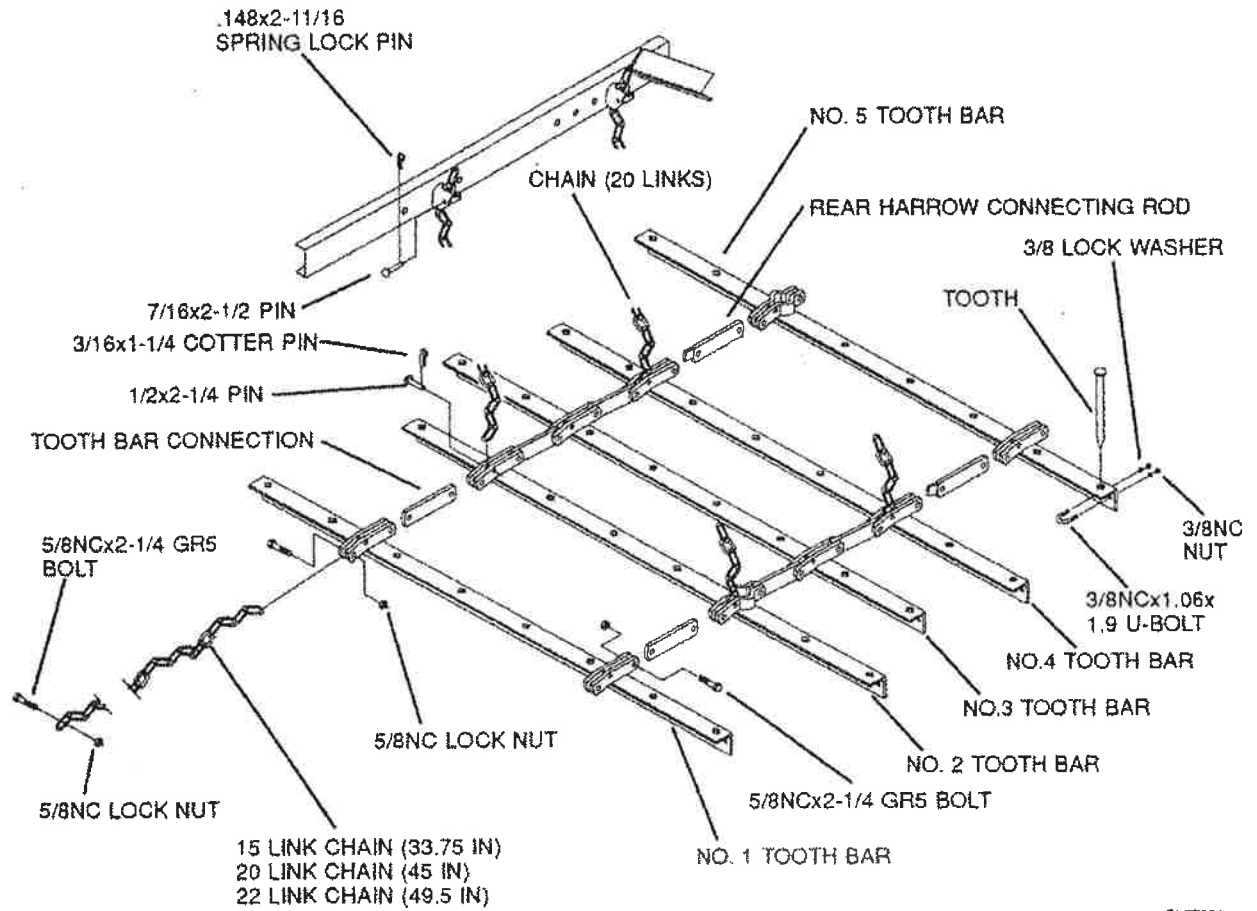
MAIN LIFT PLUMBING



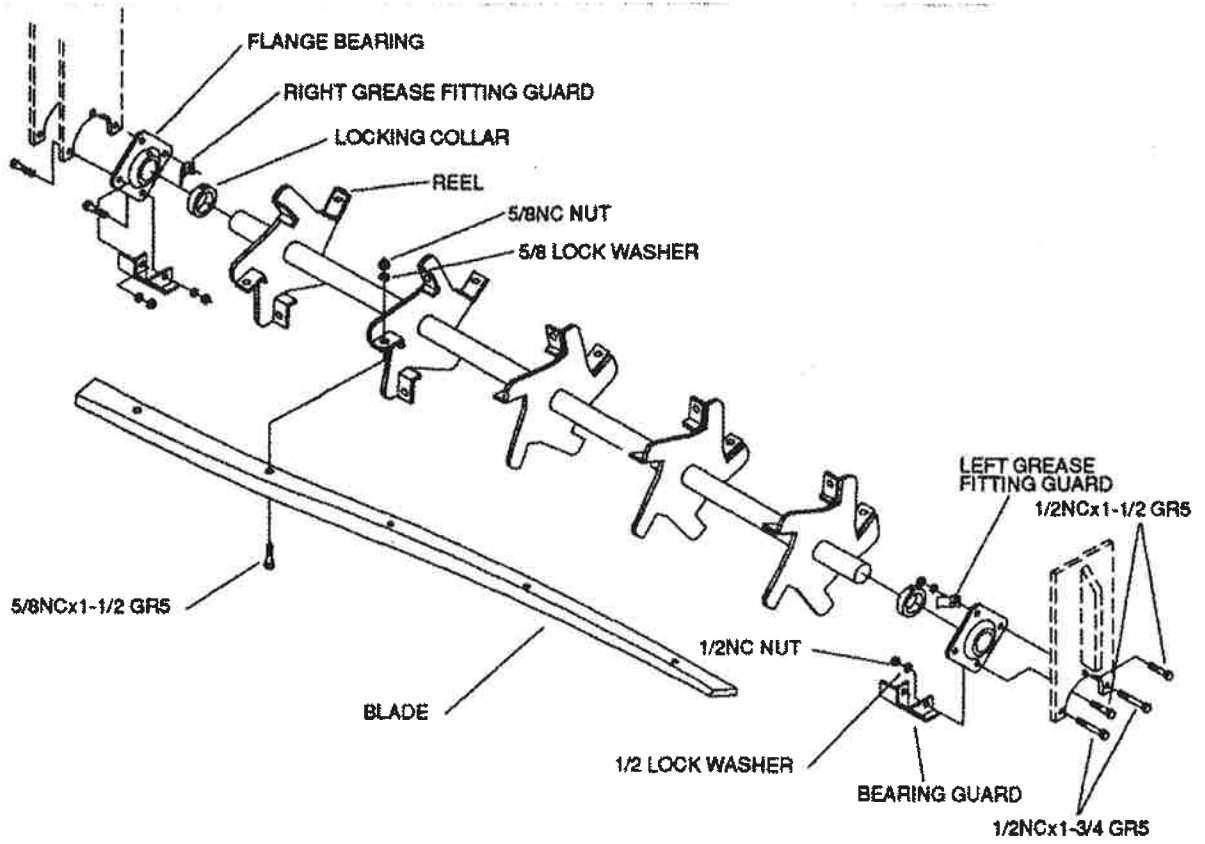
FOLD PLUMBING



SPIKE TOOTH HARROW

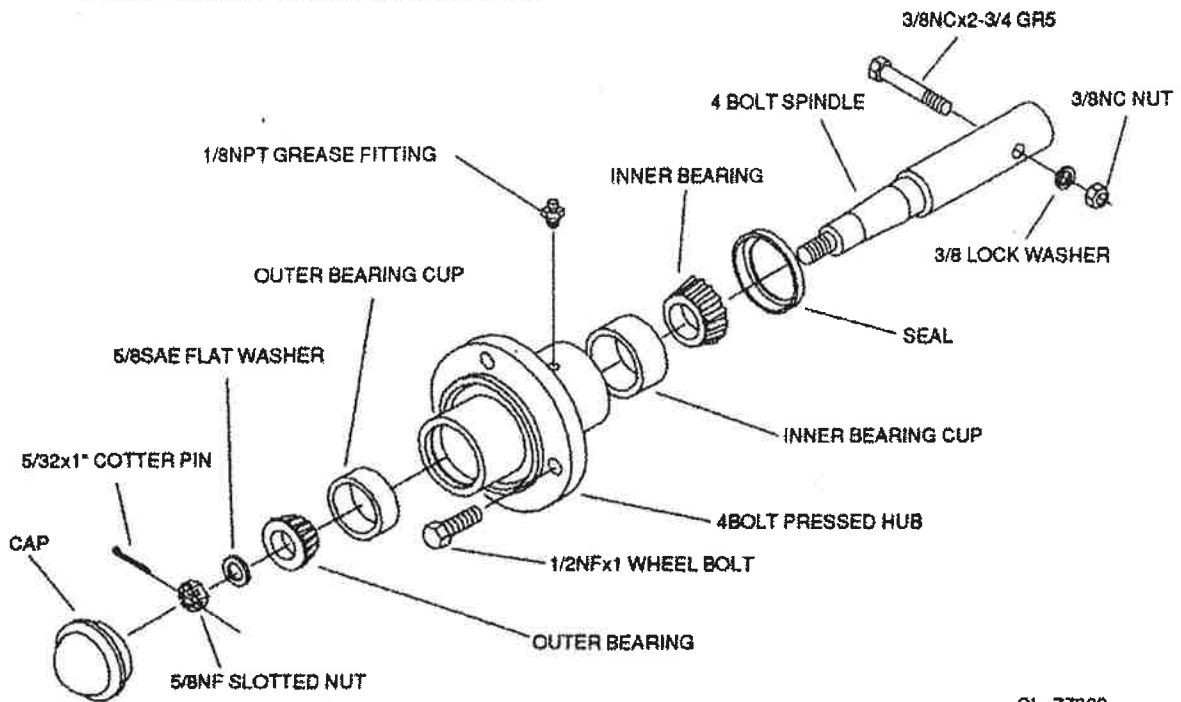


REEL



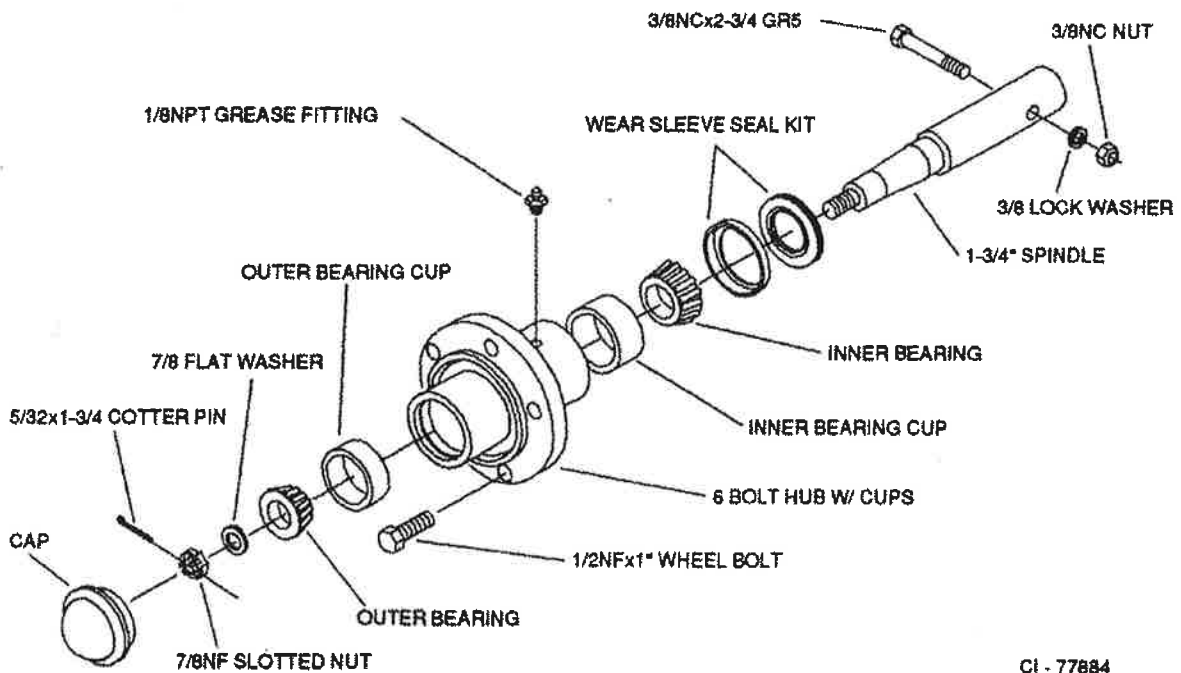
CI-77874

4 BOLT HUB & SPINDLE



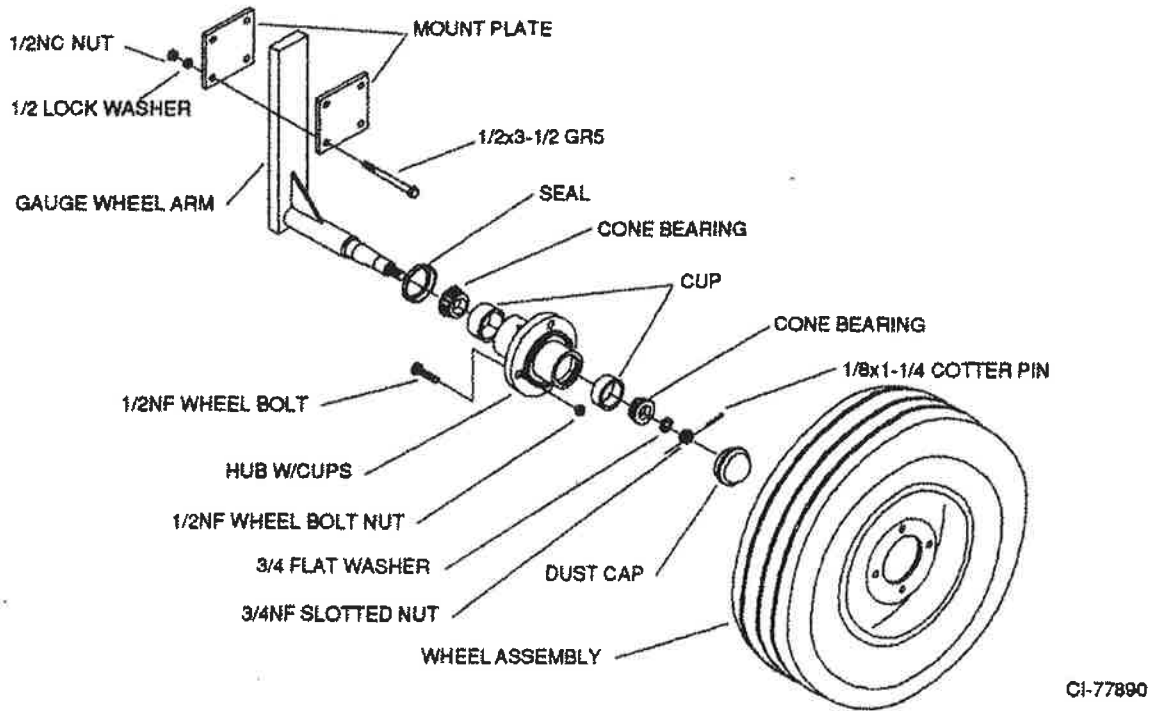
CI - 77883

6 BOLT HUB & SPINDLE

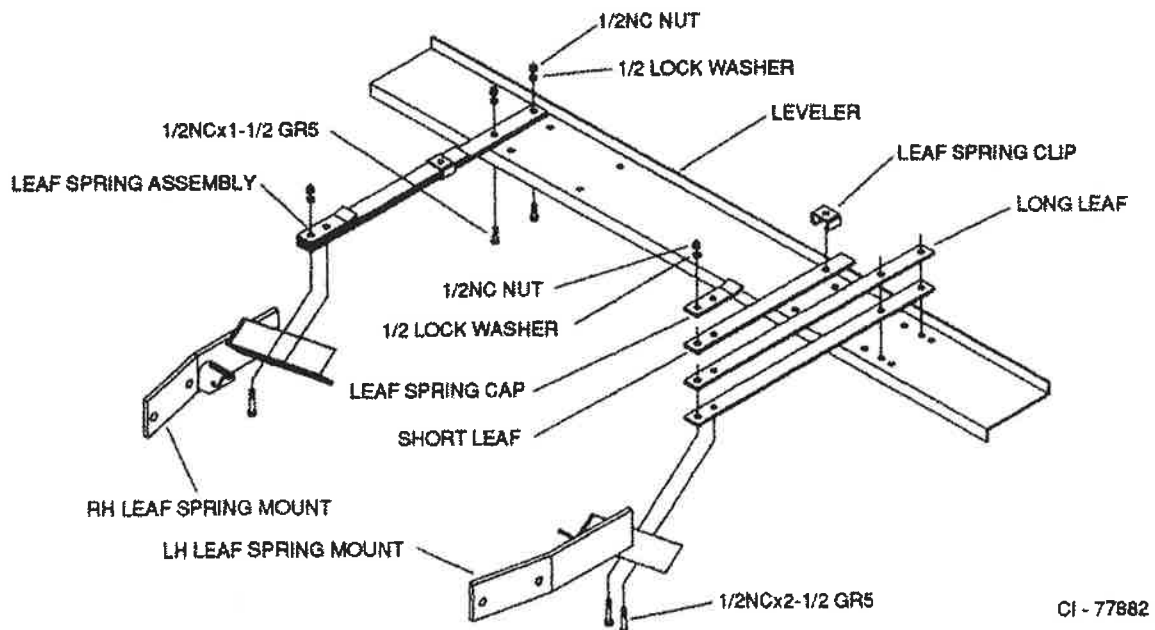


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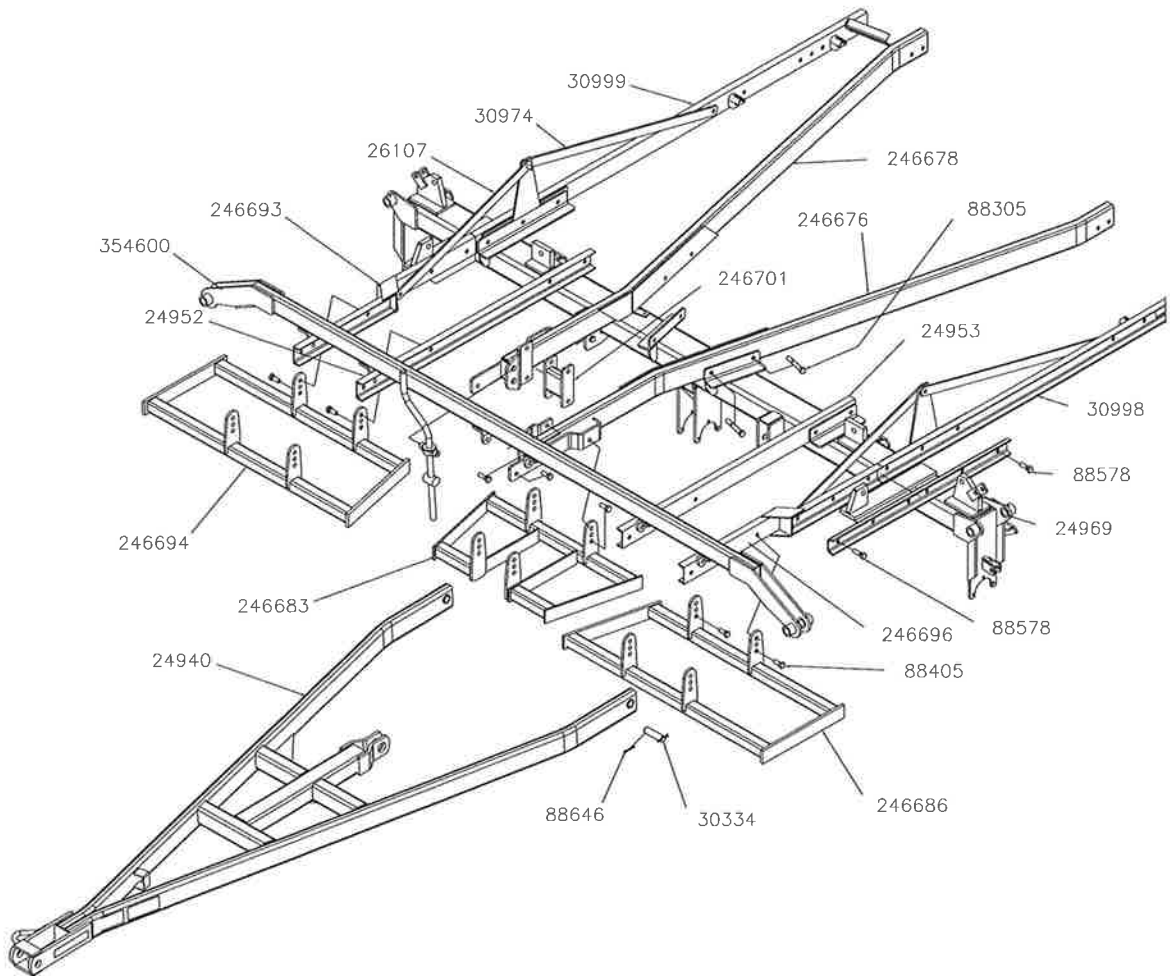
RIGID GAUGE WHEEL



LEVELING BOARD

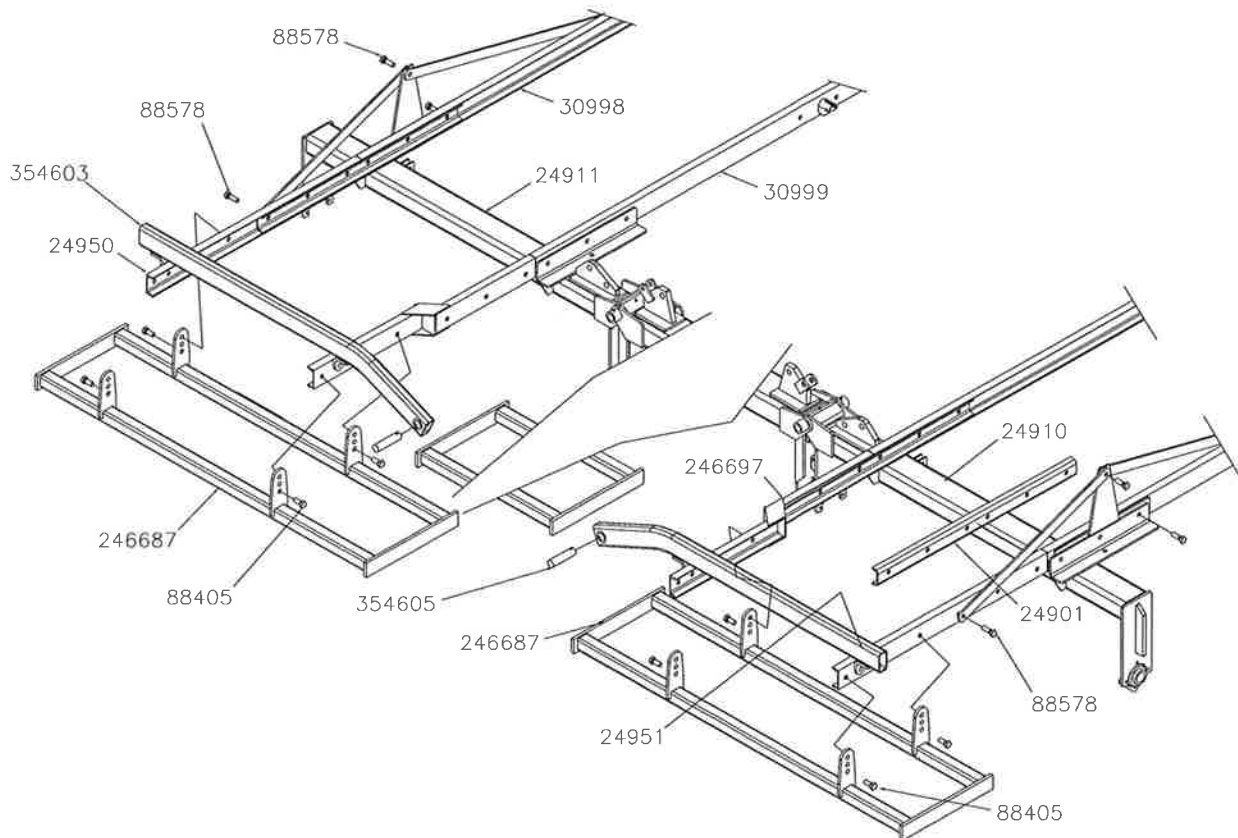


MAIN FRAME SHANK ATTACHMENT



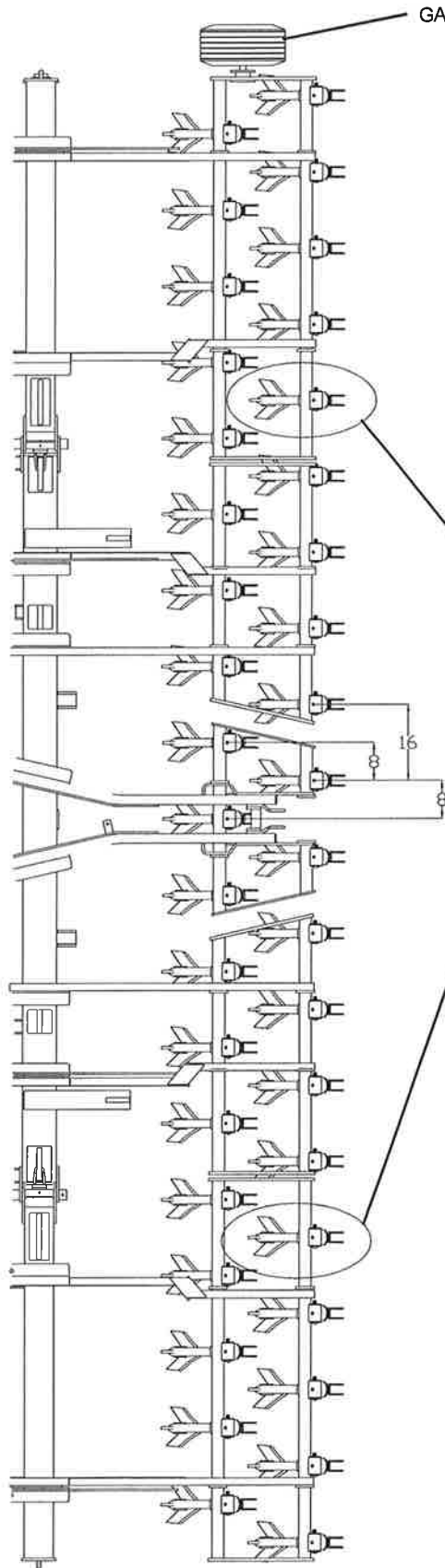
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
246701	MAIN HITCH STUB RED	88305	BLT HEX 3/4-10NCX5 5Z
246696	CHANNEL - LEFT INNER	30999	RIGHT SIDE FRAME (RED)
246694	RIGHT MAIN SHANK MOUNT	30998	LEFT SIDE FRAME (RED)
246693	CHANNEL - RIGHT INNER	30974	REAR BAR BRACE (RED)
246686	LEFT MAIN SHANK MOUNT	30334	HEADLESS PIN(2) 1-1/4X3-23/32
246683	CENTER SHANK MOUNT	26107	BRACE (RED)
246678	A-FRAME TUBE - RIGHT	25788	MAST (RED)
246676	A-FRAME TUBE - LEFT	24969	CENTER FRAME (25FT10IN) (RED)
88646	PIN COT 1/4DIAX1-3/4 Z	24953	LEFT CHANNEL (63IN) (RED)
88578	BLT HEX 3/4-10NCX2-1/4 5Z	24952	RIGHT CHANNEL (63IN) (RED)
88405	BLT HEX 3/4-10NCX1-3/4 5Z	24940	TONGUE ASSEMBLY (RED)
354600	FRAME TUBE		

WING FRAME SHANK ATTACHMENT



PART NO.	DESCRIPTION
246687	OUTER WING SHANK MOUNT
246697	CHANNEL - LEFT OUTER
246698	CHANNEL - RIGHT OUTER
24901	CONNECTOR (RED)
24910	LEFT WING ASSEMBLY (RED)
24911	RIGHT WING ASSEMBLY (RED)
24950	LEFT CHANNEL (RED)
24951	RIGHT CHANNEL (RED)
30998	LEFT SIDE FRAME (RED)
30999	RIGHT SIDE FRAME (RED)
88405	BLT HEX 3/4-10NCX1-3/4 5Z
88578	BLT HEX 3/4-10NCX2-1/4 5Z
354603	WING FRAME TUBE
354605	PIN

SHANK FRAME ATTACHMENT SHANK PLACEMENT



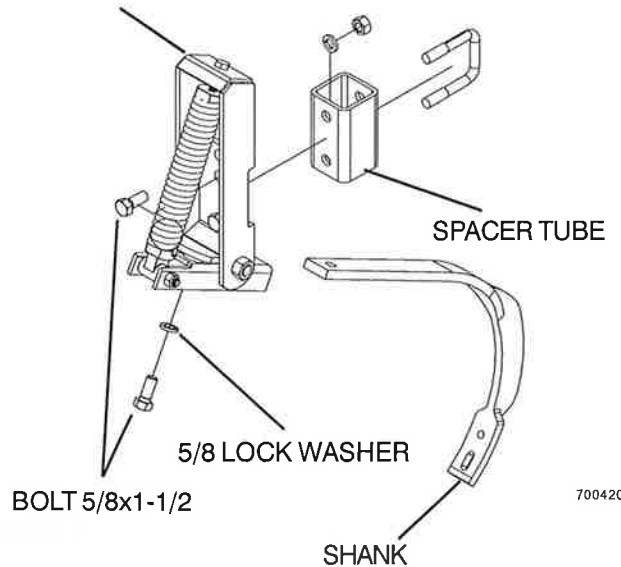
GAGE WHEEL MOUNTING LOCATION

AFTER ASSEMBLY OF FRONT SHANK ATTACHMENTS LOCATE SHANKS ON AN 8" PATTERN AS SHOWN. IF GAGE WHEEL OPTION IS CHOSEN LOCATE WHEEL ON OUTER WING ATTACHMENT FRAMES AS SHOWN.

USE SPACER SHOWN BELOW IN ONLY THESE TWO LOCATIONS

SINGLE SPRING SHANK

SHANK HOLDER



BOLT 5/8x1-1/2

5/8 LOCK WASHER

SHANK

SPACER TUBE

700420