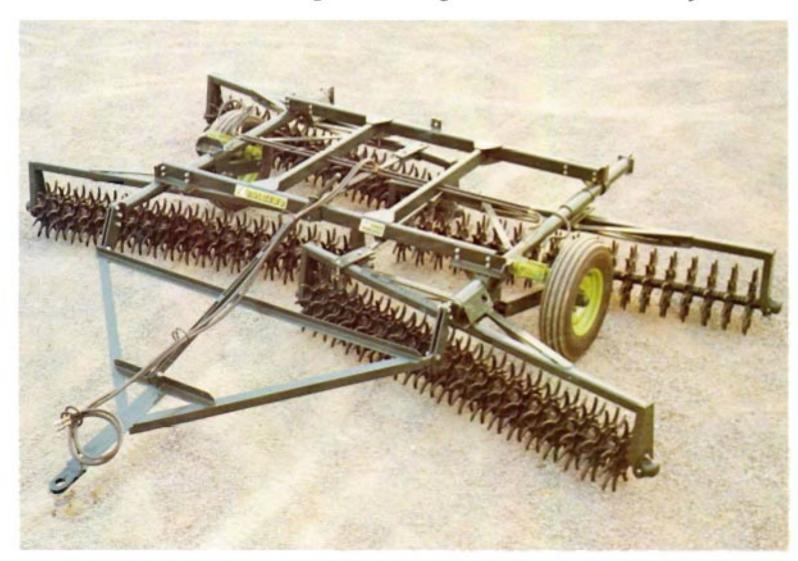


TANDEM SKEW TREADER

Since 1923

... Constant Progress in Agricultural Machinery

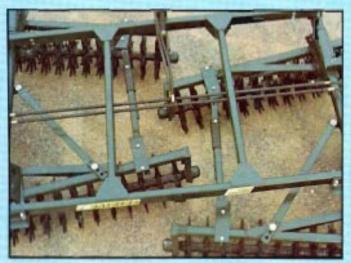


- · Hitch either end for forward or reverse operation
- · Easily adjusted in field

- · Flex gangs for level operation
- · Transportable with hydraulic lift
- · 76-18" cast steel spider wheels



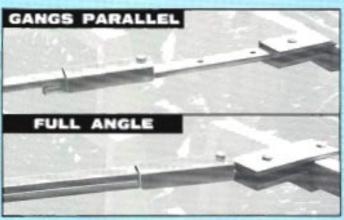
EASY ADJUSTABLE GANGS



Heavy torsion bar between gangs is easy to position — pick the hole for the desired angle — one bolt holds it.

Position one torsion bar on top of the other to get a uniform job of tillage.

When you reverse direction of pull, reverse the bars. It's that easy.



1100 SERIES 36' HITCH

For multiple hitching three 16' skew treaders





- . Castering, wheels with 7.60 x 15 tires
- . Folds to 8' width for transporting
- . Pull points and jockey bar kit for hitching three skew treaders

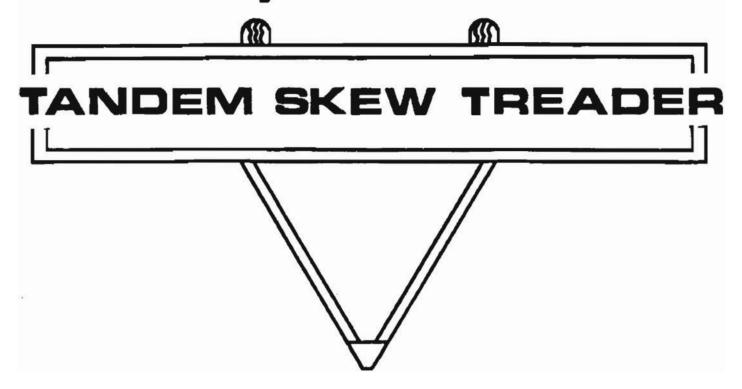


For multiple hitching two 16' skew treaders



- 9:50 x 8 hi flotation wheels and tires. Steel tubular construction
- . Stiff hitch or optional hydraulic hillside control ...
- Stiff hitch unit convertible to hydraulic as field installation _____
- · All caster wheels rotate 360° ...
- · Pull points and jockey bar kit for hitching two skew treaders ...

ASSEMBLY INSTRUCTIONS and Operator's Manual



1991



ALL NEW CALKINS PRODUCTS ARE SOLD SUBJECT TO THE FOLLOWING WARRANTY

LIMITED WARRANTY

The Calkins Manufacturing Company, hereafter called Company, warrants new Calkins products to the original purchaser for one season's use after the date of purchase.

Normal procedure for a warranty request will be for the item in question to be returned to the Company freight prepaid. If determined defective by the Company, it will be repaired or replaced and returned freight collect.

It is understood that this type program may not always be practical from the standpoint of distance and/or time. At the Company's option, if workmanship and/or material is determined to be defective, the Company will arrange for the dealer to make repairs at the dealer's business location. (It is understood that the purchaser will pay dealer for travel and expenses if purchaser chooses to have dealer repair said product at another location.)

This warranty shall not apply to any part of said product which in the judgment of the Company has been subjected to misuse, negligence, alteration, or accident, or which has served its normal wear life. In no event shall the Company be liable for consequential damage of any kind or nature. The Company makes no warranty whatsoever-with respect to tires and tubes, and trade accessories not manufactured by the Company, although these items may be warranted by their respective manufacturers.

The placing upon any Calkins product of any attachment or equipment not manufactured and sold by the Company, or authorized by it, shall operate to void and waive any warranty whatsoever by the Company. This warranty is in lieu of all other warranties and conditions, express, implied, or statutory, and all other obligations or liabilities on the part of the Dealer and Company. No representative of the Company has authority to change the terms of this warranty in any manner whatsoever and no assistance to Purchaser by the Company in the repair or operation of the product shall constitute a waiver of the conditions of this warranty, nor shall such assistance extend or revive it. This warranty does not apply to used or second-hand machines.

Except as set forth above, Calkins shall not be liable for injuries or damages of any kind or nature, direct, consequential, or contingent, to person or property. Warranty does not apply to loss of crop, or loss of time, rental, substitute machinery, or for any other reason.



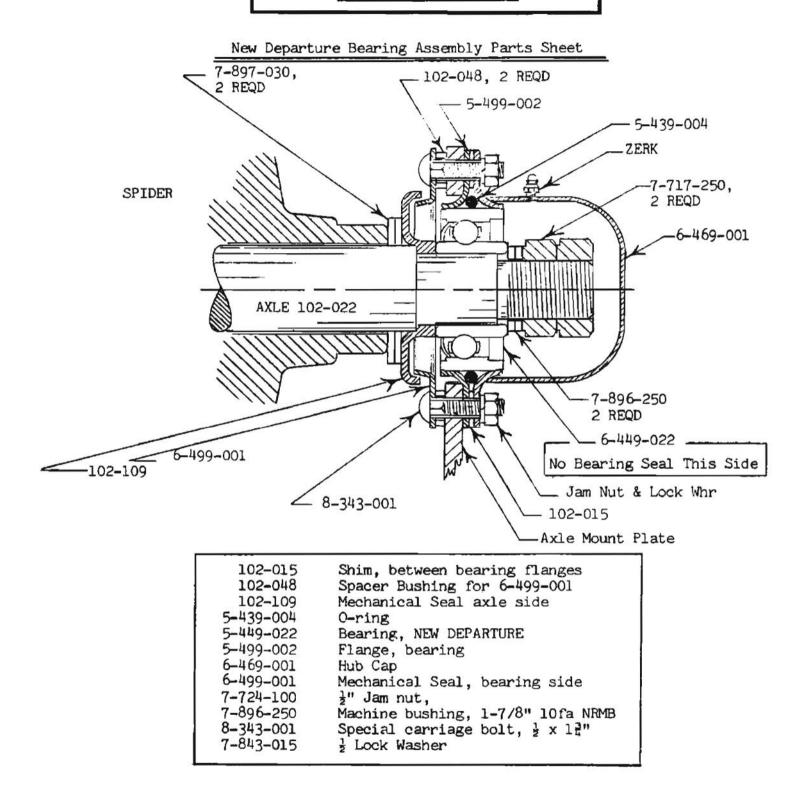
SPOKANE INDUSTRIAL PARK, BLDG. 15, SPOKANE, WA 99214

Phone (509) 928-7420

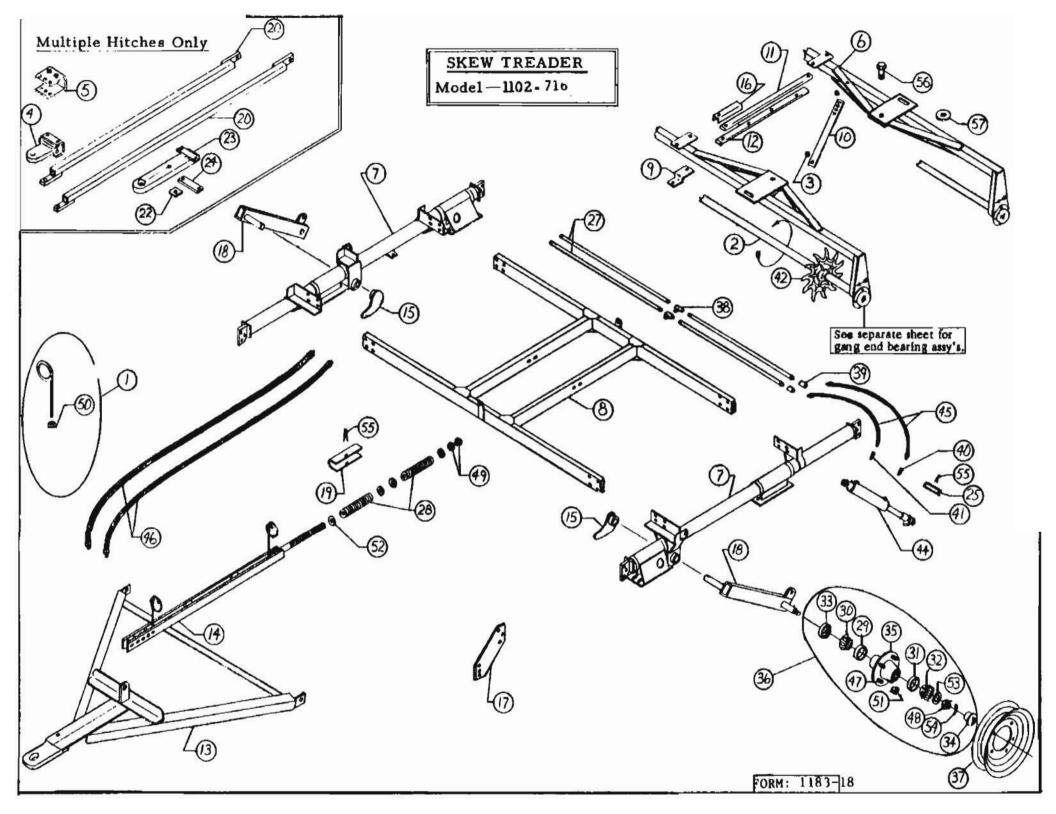
Printed in U.S.A.

SKEW TREADER

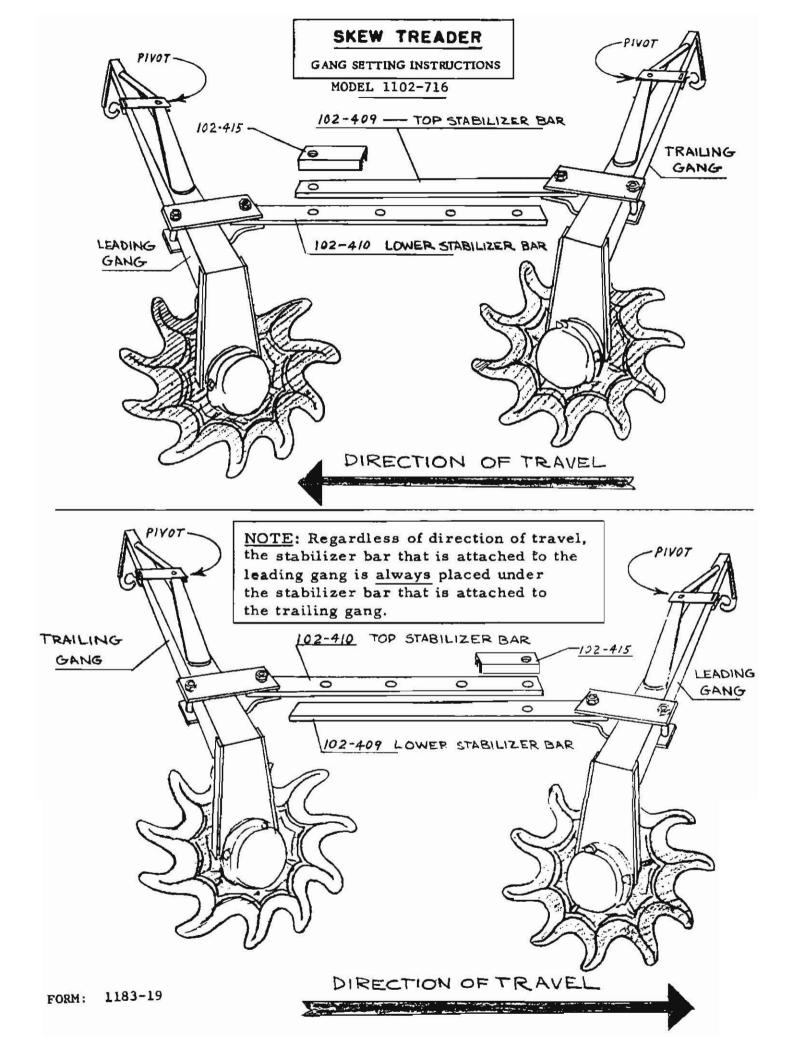
MODEL 1102-716







REF.	DESCRIPTION	1	PART NO.	REF.	DESCRIPTION		PART NO.	DEE	DESCRIPTION	DA DT NO
1	HOSE MAST ASS'Y.		101-037	id.i.	DESCRIPTION		FART NO.	<u>REF.</u> 54	DESCRIPTION COTTER PIN, 1/8" x 1-1/2"	7-910-150
2	AXLE	4 Req'd.	102-022	27	HYD. PIPE, FRAME	4 Req'd.	106-424	55	HITCH PIN, #8 2 Req'd.	7-920-002
3	BUSHING	4 Req'd.	102-022	28	SPRING		5-119-001	56	CAPSCREW, 3/4" x 2-3/4 NF	8-115-007
4	HITCH CONNECTOR, 2-1/	A STATE OF THE STA	102-026	29	CUP		5-419-141		Drilled	
•	HITCH CONNECTOR ASS'Y.,		102-107	30	CONE		5-419-142	57	WASHER	8-834-002
5	(Includes two 102-III Spacer Plates)		102-058	31	CUP		5-419-112			
		CLAMP, HITCH CONNECTOR 24/2" Sq. PLATE, (2 Req'd.) 4" Sq.		32	CONE		5-419-113			
6	FRAME, GANG Right Rear Right Front		102-400	33	SEAL		5-439-141			
	Left Fr Left Re	ont	102 -401 102 -402	34	CAP		5-469-006			
7		ar	102 - 403	35	нив		5-619-022			
	SIDEMEMBER Right Left		102 -404 102 -405	36	HUB ASS'Y.		5-619-021			
8	FRAME		102 -406	37	RIM, 15" x 6",6 E	OI T	5-639-501			
9	CLAMP	4 Req'd.	102-407	31	MM, IS X 0 ,0 I	OLI	3 037 301			
10	STABILIZER BAR	2 Req'd.	102-408	38	PIPE TEE, 1/2" x 1/2"	2 Req'd.	5-833-100			
11	SPRING STRAP	2 Req'd.	102-409	39	COUPLING, 1/2"	2 Req'd.	5-843-100			
12	SPRING STRAP	2 Req'd.	102-410	40	ST. UNION, 1/2"		5-843-400			
13	HITCH		102-411	41	RESTRICTOR UNION		5-843-455			
14	STIFF HITCH (ASSY 10	2-540)	102-412	42	SPIDER WHEEL, 18" 76	Req'd.	5-919-510			
15	GANGLOCK BRKT.	Right Left	102-413 102-414				6-671-100			
16	CLAMP, SPRING	2 Req'd.	102-414	44	HYD. CYL. w/SCREW S' (3-1/2" x 8")	TOP	6-818-002			
17	HITCH MOUNT EXT.	4 Req'd.	102-416	45	HYD. HOSE, 3/8" x 28-1		6-822-228			
18	WHEEL LEG, LEFT (ASS	Y 102-605)	102-141			2 Req'd.	10 720 21			
4.5	RIGHT (ASS)		102-140	46	HYD. HOSE, 3/8" x 13'	-1/2" MM 2 Req'd.	6-822-356	N 10		
	TRANSPORT BLOCK SPRING	3 2 Req'd.	102-425	47	LUG BOLT, WHEEL	6 Req'd.	7-333-001			
20	JOCKEY BAR Short Long		102-427 102-428	48	NUT, 3/4" NF, SLOTTE	D HEX	7-715-850			
0.0	Extra L	ong	102 -433	49	NUT, JAM 3/4" N.G.		7-725-105			
22	SPACER, HITCH EXT.		102-429	50	HIGH NUT, 1/2" 2 REC	QUIRED	7-723-015		SKEW TREADER	
23	PULL, HITCH EXT. Long Extra L	ong	102 -430 102 -432	51	LUG NUT, WHEEL	6 Req'd.	7-733-001		Model 1102-716	
24	BRACKET, HITCH EXT.		102-431	52	WASHER, 3/4" SAE	4 Req'd.	7-815-020			
25	BLOCK, TRANSPORT, HYD	CYL.	106-093	53	WASHER		7-815-025			
	FORM: 1183-17									

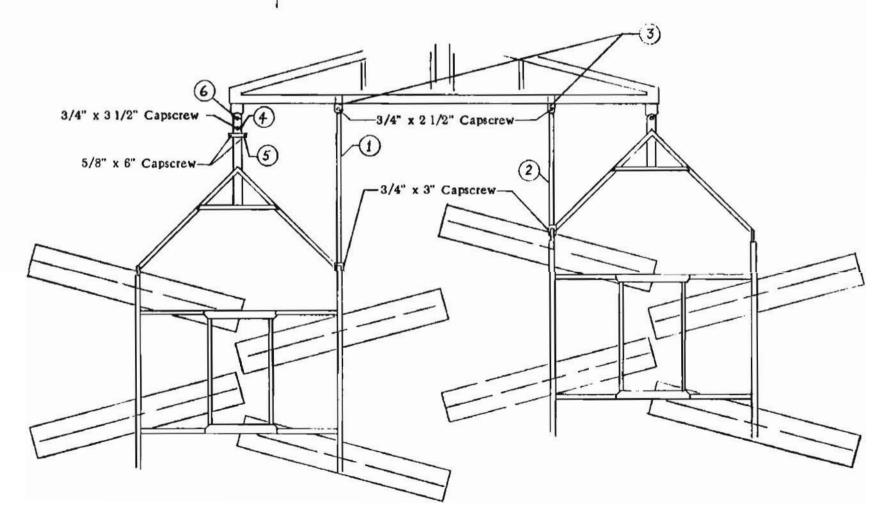


REF.	DESCRIPTION	PART NO
ı	JOCKEY BAR Long	102-428
2	JOCKEY BAR Short	102-427
3	HITCH CONNECTOR CLAMP Hitch Connector	102 -057 102 -058
4	WASHER	102-429
5	BRACKET Hitch Extension	102 431
6	HITCH EXTENSION	102-430

TONGUE EXTENSION AND JOCKEY BAR KIT

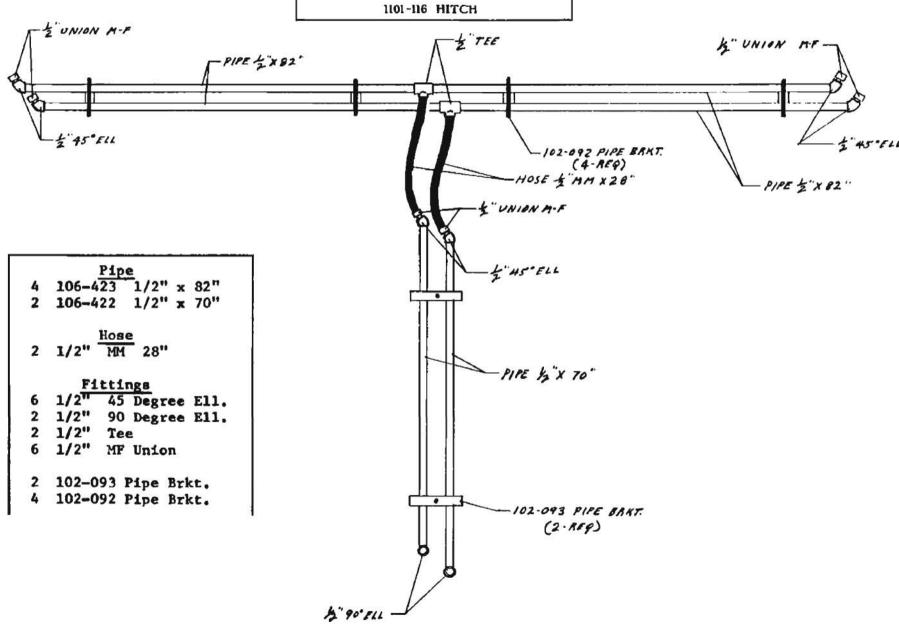
For

Two 1102-7168kew Treaders



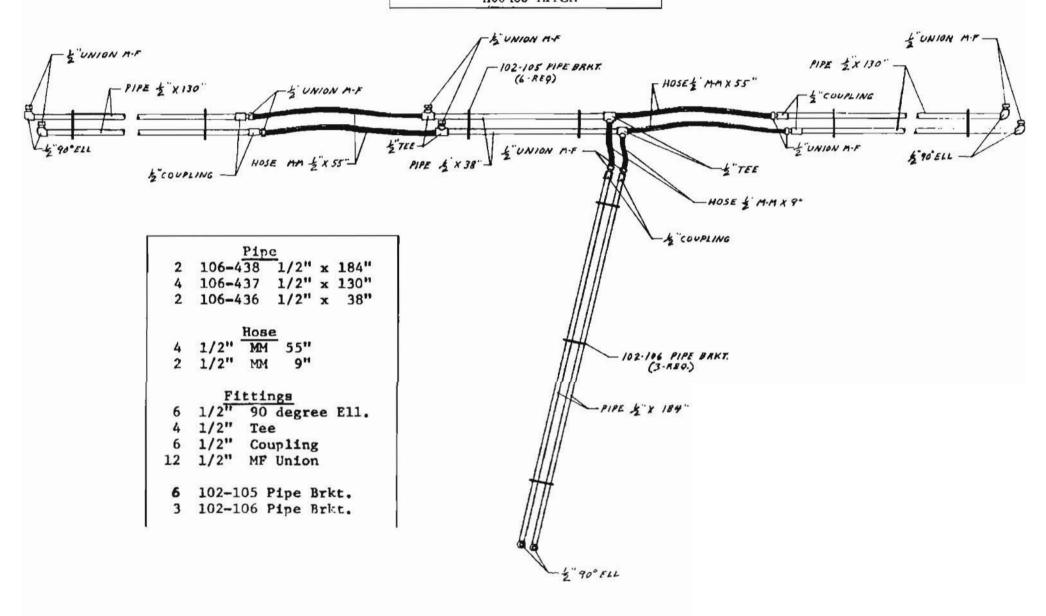
HYDRAULIC SCHEMATIC

FOR HITCHING TWO 1102-716 READERS TO



HYDRAULIC SCHEMATIC

FOR HITCHING THREE 1102-716TREADERS TO 1100-136 HITCH



FORM: 1183-30

TONGUE EXTENSION AND JOCKEY BAR KIT

For

Three

Skew Treaders



