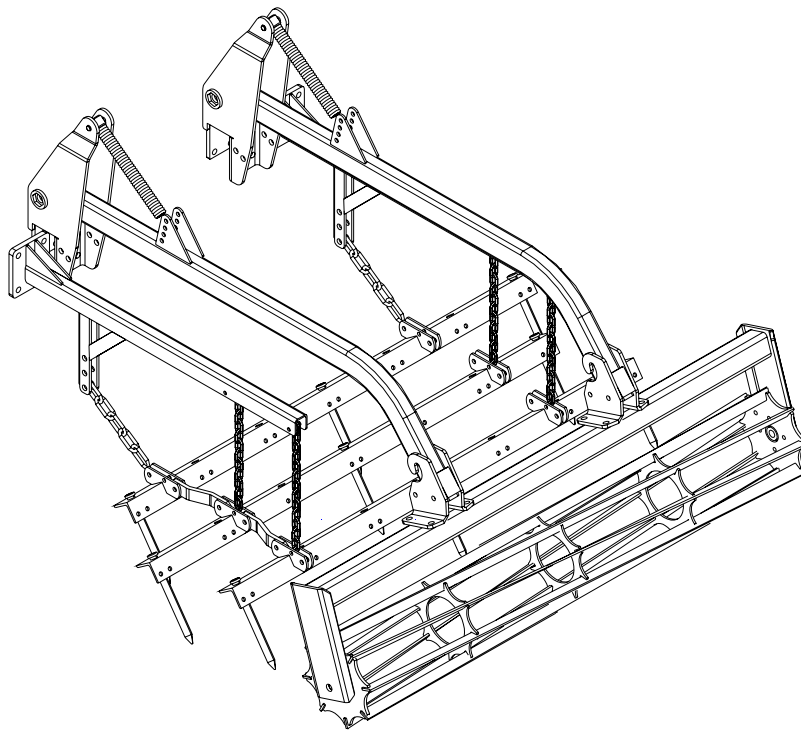




PARTS MANUAL



SPIKE HARROW WITH BASKET

 **WIL-RICH**

PO Box 1030

Wahpeton, ND 58074

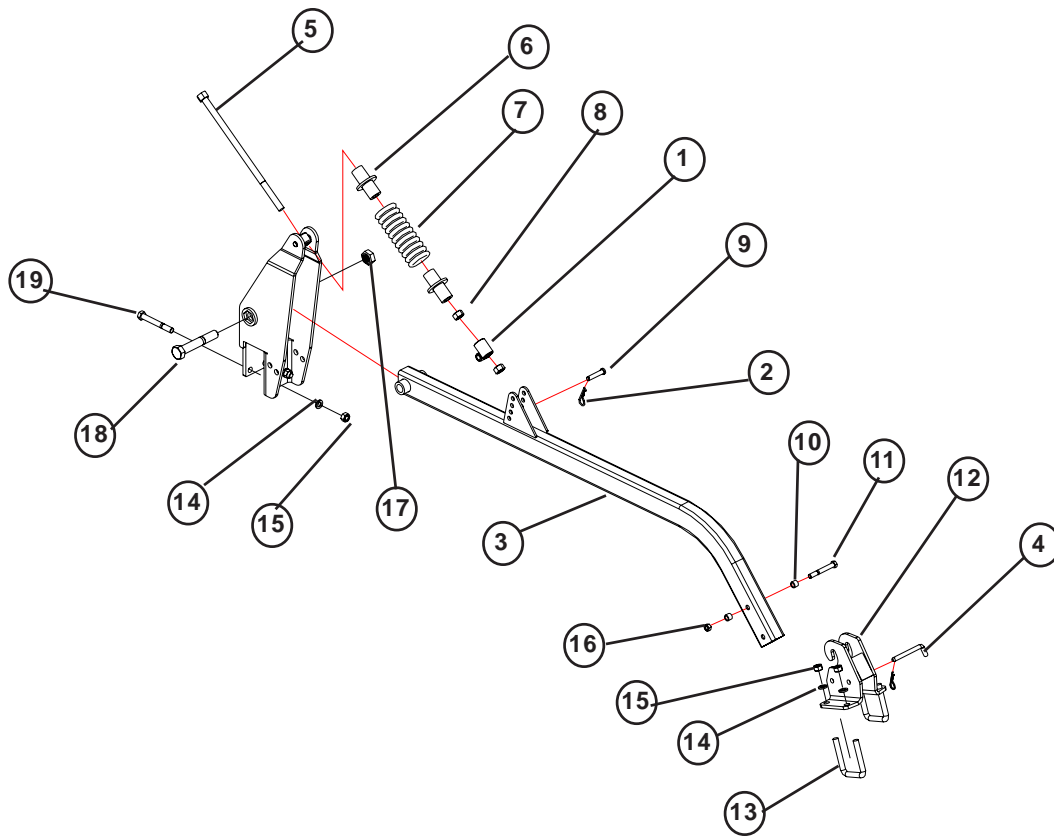
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Fax (701) 642-3372

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HARROW/BASKET PARTS MANUAL (74313) 10/09

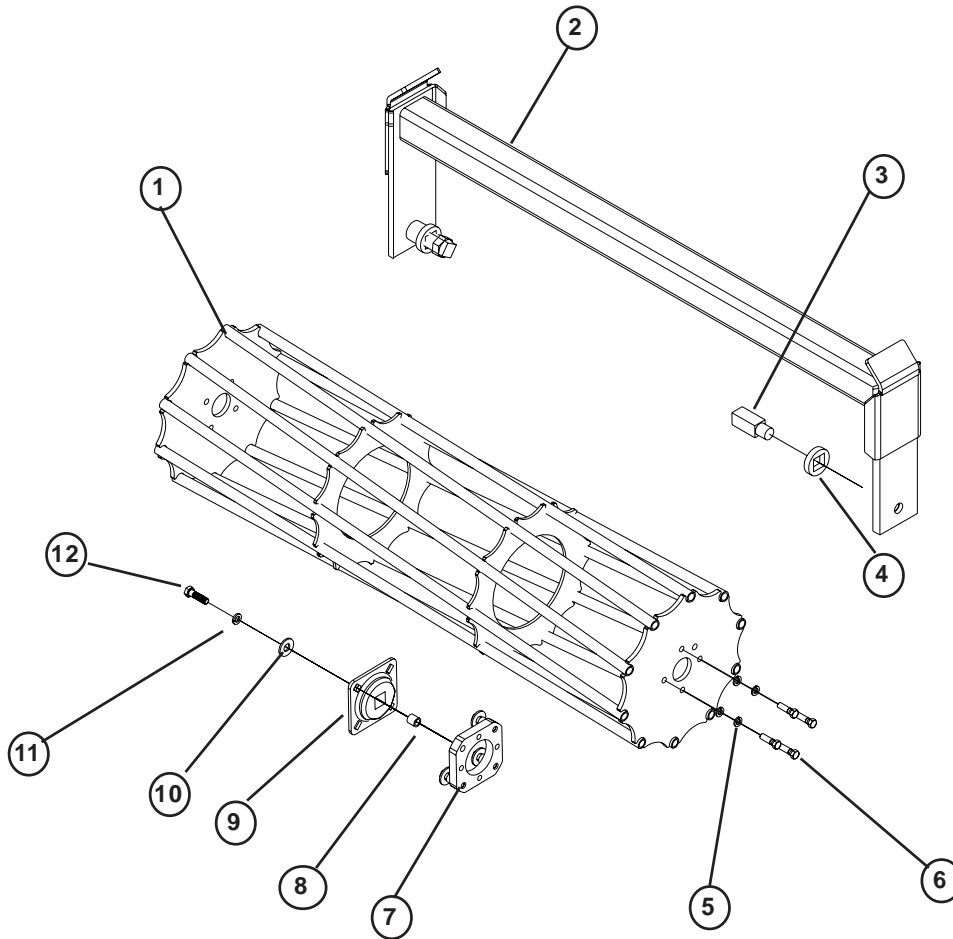
Basket Harrow Arm Assembly



700714

Item	Part	Description	Item	Part	Description
1	221981	MOUNT CASTING (ZINC)	16	88363	NUT 2POSLK 1/2-13NC 5Z
2	23039	PIN-HAIR .14 X 2.69 ZP	17	88348	NUT 2POSLK 1-8NC 5Z
3	244437	HARROW ARM	18	88264	BLT HEX 1-8NCX6 5Z
4	234811	1/2X4 BENT PIN W/HAIRPIN	19	88395	BLT HEX 5/8-11NCX5 5Z
5	67076	3/4-10NCX16.5 SPECIAL BOLT			
6	245360	SPACER FOR SPRING			
7	46390	COMPRESSION SPRING			
8	89275	PIN CLE 1/2 DIA X 2-1/2 Z			
9	234811	1/2X4 BENT PIN W/HAIRPIN			
10	51220	BUSHING			
11	88595	BLT HEX 1/2-13NCX4 5Z			
12	239079	BASKET MOUNT			
13	89327	BLT-U 5/8-11NCX3X4-1/2 Z			
14	88129	WSHR HLK 5/8ID(11/16ACT) Z			
15	88126	NUT HEX 5/8-11NC 5Z			

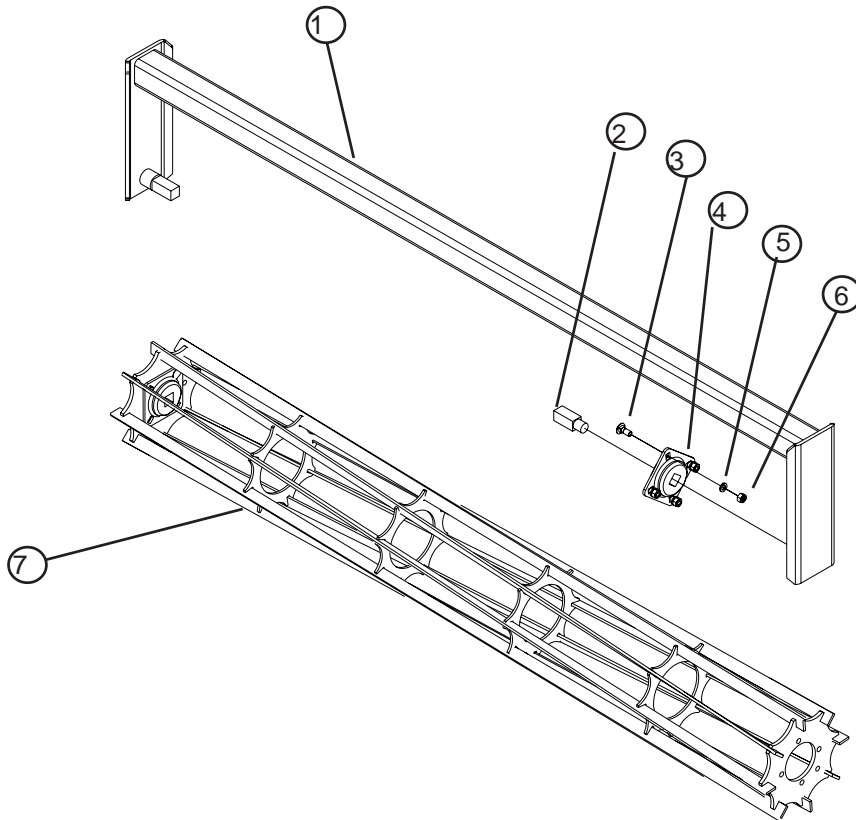
Round Bar Basket Assembly



700713

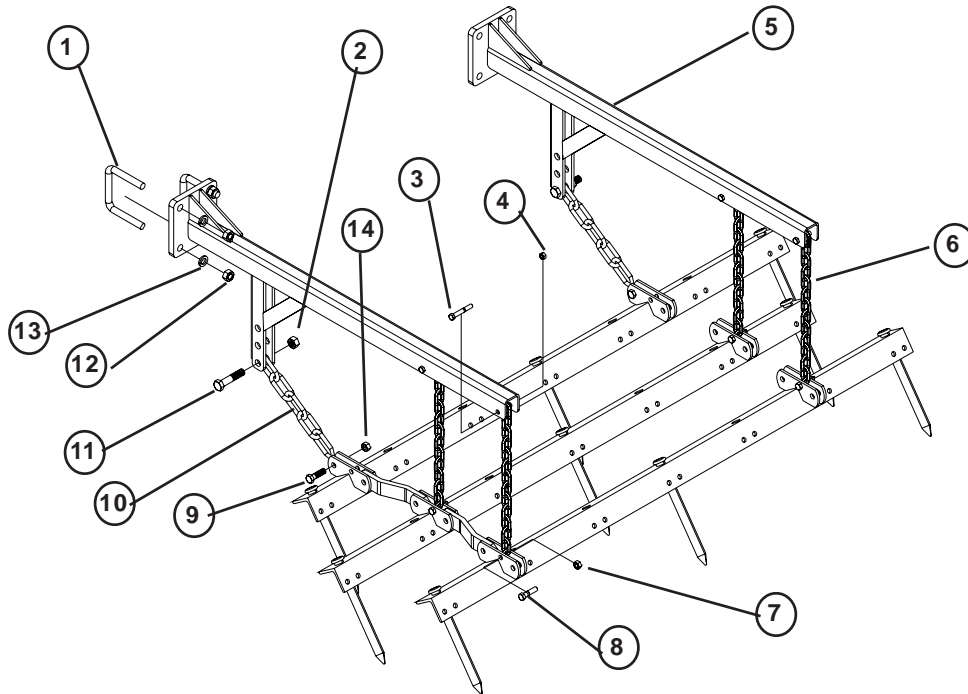
Item	Qty	Part	Description	Item	Qty	Part	Description
1	1	233649	6FT HARROW BASKET	9	2	244415	BEARING (FD209 1-1/8SQ)
1	1	233776	7-1/2 FT HARROW BASKET	10	8	88347	1/2 FLAT WASHER
1	1	233896	4-1/2 FT HARROW BASKET	11	8	88303	1/2LK WASHER
2	1	234085	4-1/2FT BASKET MOUNT	12	8	88517	BLT HEX 1/2-13NCX1-3/4 5Z
2	1	234090	7-1/2 FT BASKET MOUNT				
2	1	234093	6FT BASKET MOUNT				
3	2	244410	SQUARE BASKET BOLT				
4	2	245382	WASHER				
5	8	88269	WSHR HLK 7/16ID(1/2ACT) Z				
6	8	88392	BLT HEX 7/16-14NCX1-1/2 5Z				
7	2	245381	ADAPTER PLATE				
8	8	245383	SPACER				

Flat Bar Basket Assembly



Item	Part	Description
1	245334	7-1/2FT BASKET MNT
	245333	6FT BASKET MNT
	245332	4-1/2FT BASKET MNT
2	244410	SQUARE BASKET BOLT
3	88417	1/2-13NCx1-1/4 CRG BLT
4	244415	FLANGED BEARING
5	88303	1/2 LOCK WASHER
6	88104	1/2 NUT
7	244299	7-1/2FT FB BASKET
	244298	6FT FB BASKET
	244297	4-1/2FT FB BASKET

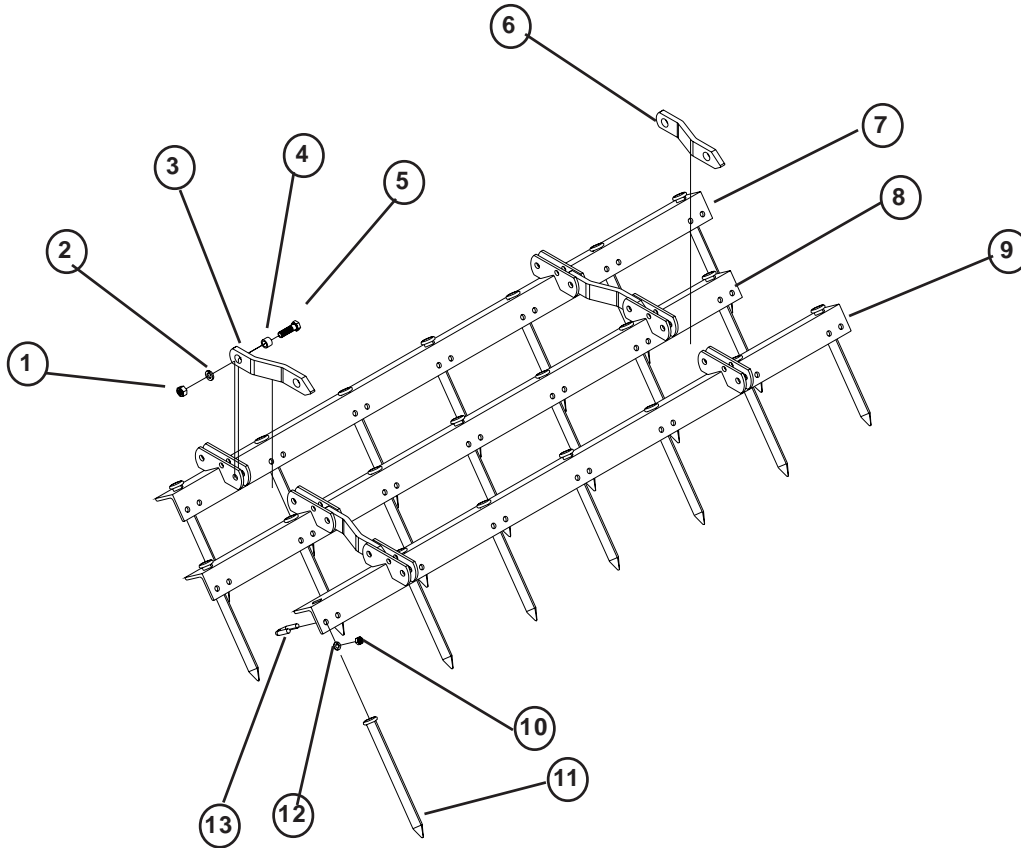
Harrow Section Mounts



700715

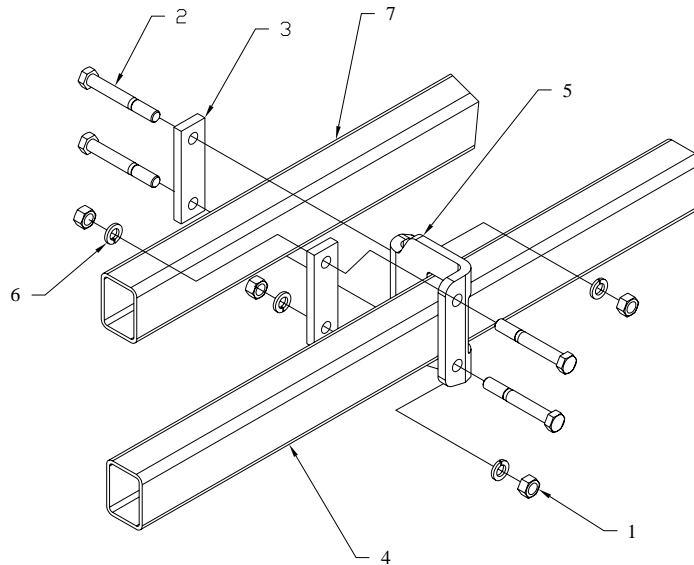
Item	Part	Description
1	88501	BLT-U 5/8-11NCX4X4-1/4 Z
2	88369	NUT 2POSLK 5/8-11NC 5Z
3	88489	BLT HEX 3/8-16NCX2-1/2 8YZ
4	88162	NUT 2POSLK 3/8-16NC 5P
5	242263	MOUNTING ARM WELD 3BAR SPIKE
6	243699	14 LINK CHAIN
7	88535	NUT 2POSLK 7/16-14NC 5P
8	88671	BLT HEX 7/16-14NCX1-3/4 5Z
9	88517	BLT HEX 1/2-13NCX1-3/4 5Z
10	48997	5 LINK CHAIN
11	88537	BLT HEX 5/8-11NCX2-3/4 5Z
12	88126	NUT HEX 5/8-11NC 5Z
13	88129	WSHR HLK 5/8ID(11/16ACT) Z
14	88363	NUT 2POSLK 1/2-13NC 5Z

Harrow Section Bars



Item	Part	Description	Item	Part	Description
1	88104	NUT HEX 1/2-13NC 5Z	10	88103	NUT HEX 3/8-16NC 5Z
2	88303	WSHR HLK 1/2ID(9/16ACT) Z	11	52631	TOOTH
3	55214	RIGHT LINK CONNECTOR	12	88362	WSHR HLK 3/8ID Z
4	54057	BUSHING	13	30277	BLT-U 3/8-16NCX1.06X1.9
5	88517	BLT HEX 1/2-13NCX1-3/4 5Z			
6	55213	LEFT LINK CONNECTOR			
7	55243	5'0" 3BAR HA ANGLE (#1) (6 TOOTH)			
	55246	5'10" 3BAR HA ANGLE (#1) (7 TOOTH)			
	55252	7'6" 3BAR HA ANGLE (#1) (9 TOOTH)			
8	55190	5'0" 3BAR HA ANGLE (#2) (6 TOOTH)			
	55195	5'10" 3BAR HA ANGLE (#2) (7 TOOTH)			
	55253	7'6" 3BAR HA ANGLE (#2) (9 TOOTH)			
9	55192	5'0" 3BAR HA ANGLE (#3) (6 TOOTH)			
	55197	5'10" 3BAR HA ANGLE (#3) (7 TOOTH)			
	55254	7'6" 3BAR HA ANGLE (#3) (9 TOOTH)			

Rear Tubes and Mounting Brackets



700010

Item	Qty	Part	Description
1		88110	NUT HEX 3/4-10NC 5Z
2		88579	BLT HEX 3/4-10NCX5-1/2 5Z
3		234097	FLAT BACK
4		234862	11FT 8IN WING REAR BAR
4		234863	16FT MAIN FRAME REAR BAR
4		234864	5FT OUTER WING REAR BAR
4		234865	13FT MAIN FRAME REAR BAR
4		234866	11FT MAIN FRAME REAR BAR
4		234867	9FT 4IN WING REAR BAR
4		234868	7FT WING REAR BAR
4		234869	3FT OUTER WING REAR BAR
4		234870	7FT OUTER WING REAR BAR
5		233585	REAR TUBE BRACKET
6		88130	WSHR HLK 3/4ID(13/16ACT) Z
7			REAR CULTIVATOR TUBES