

**McFARLANE**  
MFG. CO.  
INC. *Sauk City, Wisconsin*

MANUFACTURERS OF QUALITY AGRICULTURAL EQUIPMENT SINCE 1936

OPERATOR'S MANUAL  
AND  
PARTS LISTING  
FOR THE

**CTM Series  
Mounted Harrow**

For Case IH MRX 690  
7 Shank Disk Ripper

VERSION: 7-09 (MM-2303)

TO THE OWNER AND OPERATORS

Before assembling or operating this unit, READ THIS MANUAL THOROUGHLY. To obtain the best performance of the unit, familiarize yourself with each component and adjustment. Store this manual where it can be readily available for future reference. In the event that the harrow or any part of the unit should be sold, be sure that the new owner receives a copy of this manual for their reference.

1330 DALLAS STREET, P.O. BOX 100  
SAUK CITY, WISCONSIN 53583  
PHONE: (608) 643-3321  
TOLL FREE: (800) 627-8569 FAX: (608) 643-3976

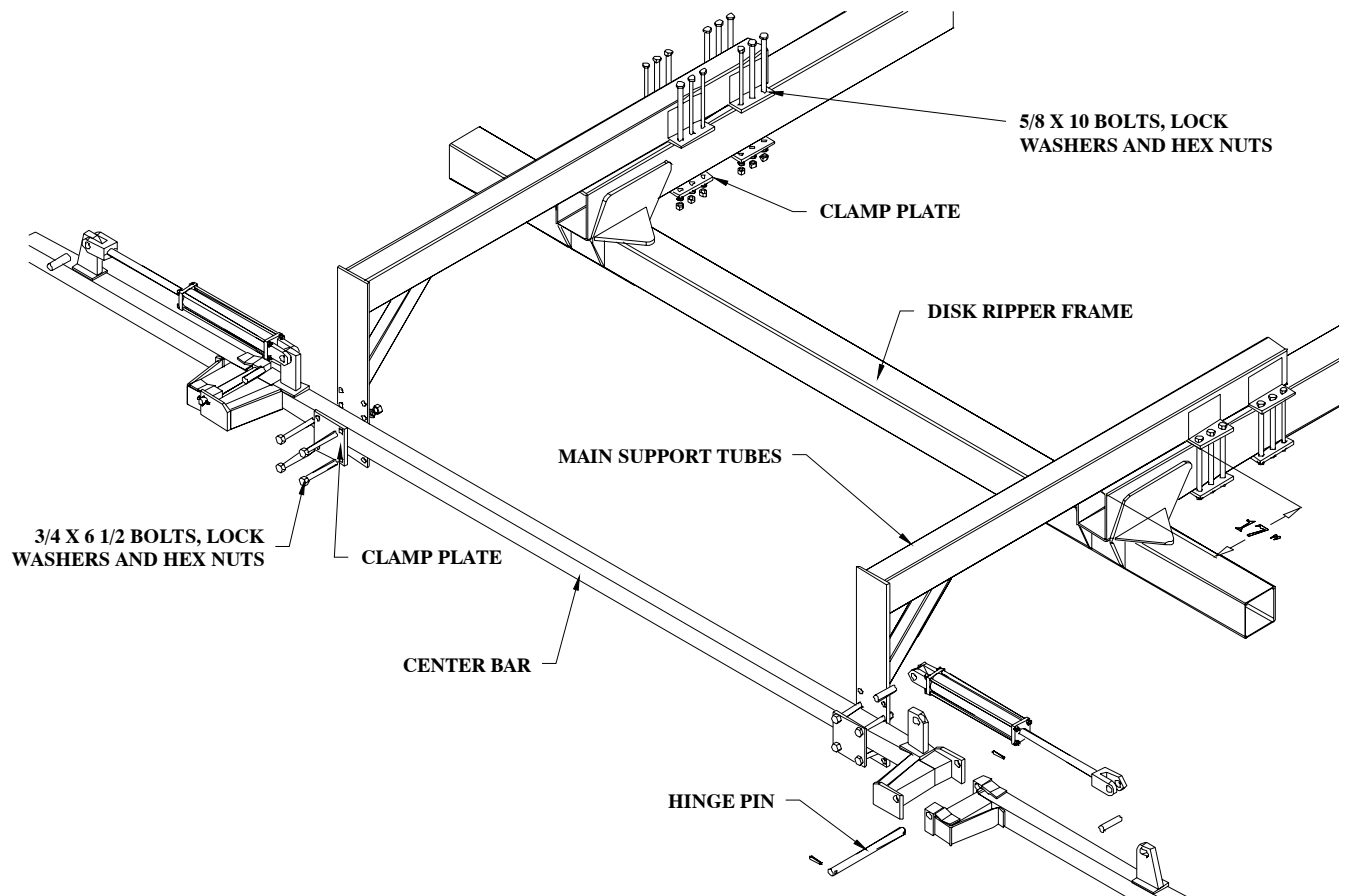
## STEP - BY - STEP ASSEMBLY INSTRUCTIONS

### Attach the Main Mount Tubes

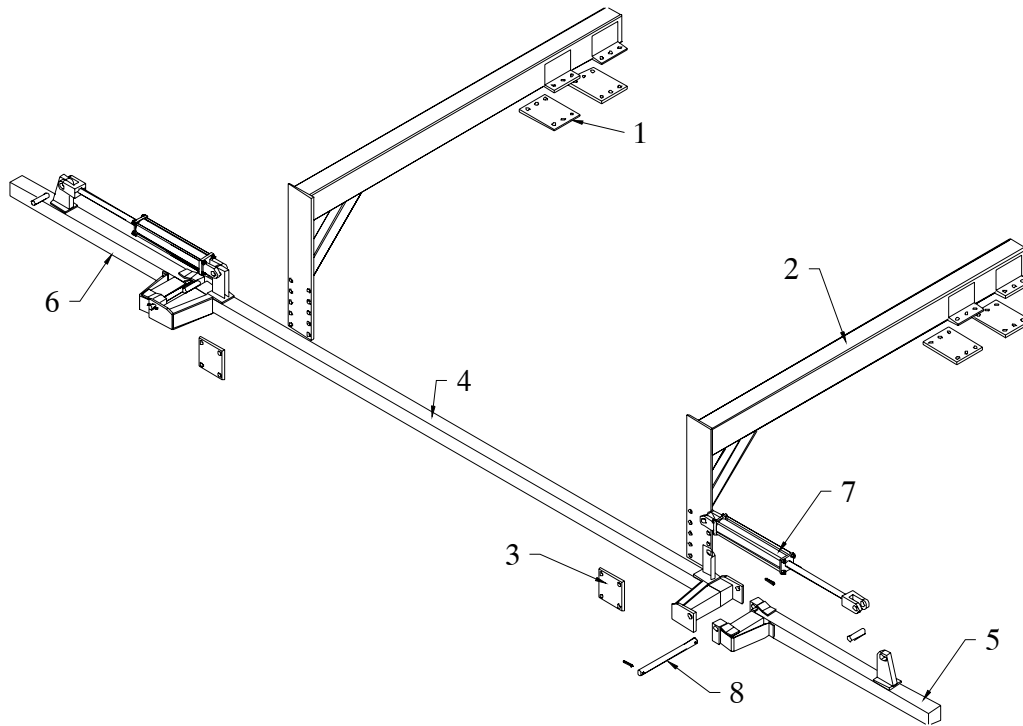
1. Attach the Main Support Tubes to the top of the side tubes of the Disk Ripper using the 5/8 x 10 bolts provided. Note that the rear of the mounting angles should be approximately 17" ahead of the back end of the disk ripper side tubes as shown in the figure.

\*Note that the Main Cross Tube can be adjusted up and down on the Main Support Tube Plate. The height cannot be pre-determined because it will depend on the depth of Ripper settings.

2. Attach the Center Bar to the Main Support Tube Plate with the 3/4 x 6 1/2 bolts, lock washers, hex nuts and clamp plates provided. Before tightening bolts make sure that the tube is centered on the Mounting Plate. That is, with equal amount of tube extending beyond the mounting plates on each end. If mounting to a non-folding toolbar, a single 4x4 main mounting tube is provided and the next step can be skipped.
3. Attach the Wing Bars to the Center Bar using the hinge pins provided. Press a 3/8" x 2" spring roll pin into each end of the hinge pin and grease the hinge thoroughly through the zerk fittings on the hinge blocks. Check the movement of the wing to assure that it moves freely. Attach and plumb the hydraulic cylinders and make sure the wings fold freely.



**CTM ATTACHMENT PARTS LIST  
FOR CASE IH MRX 690 7 SHANK DISK RIPPER**



Always order by Part Number - *Not* by Key Number

KEY PART	#	DESCRIPTION
1	CTM-3571	MAIN SUPPORT ARM CLAMP PLATE
2	CTM-3574	MAIN SUPPORT ARM
3	CTM-3562	MAIN CROSS TUBE CLAMP PLATE
4	CTM-6148	MAIN CROSS TUBE CENTER BAR (FOLDING UNIT ONLY)
	CTM-4265	MAIN MOUNT TUBE, 265"
5	CTM-6256	MAIN CROSS TUBE WING BAR, RT (FOLDING UNIT ONLY)
6	CTM-6257	MAIN CROSS TUBE WING BAR, LT (FOLDING UNIT ONLY)
7	HYC-2014	2" X 14" HYDRAULIC CYLINDER ( FOLDING UNIT ONLY)
8	CTM-6101	WING HINGE PIN (FOLDING UNIT ONLY)

Bolts, washers, nuts, and cotter pins are not shown. Refer to the setup instructions for details.

**McFarlane Manufacturing reserves the right to change specifications of design at any time without obligation to modify previous products.**

Layout Diagram for CASE IH MRX 690 7 Shank

