



P E Q U E A P L A N T E R

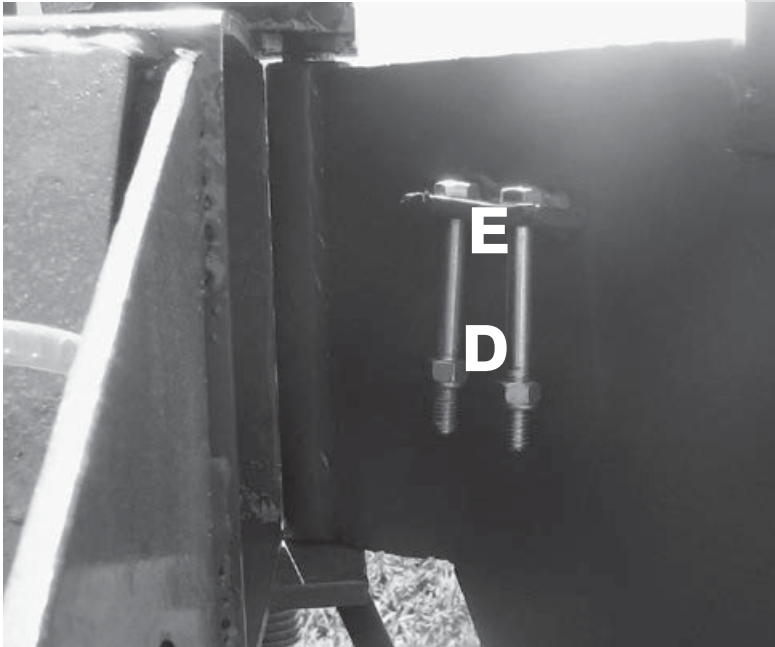
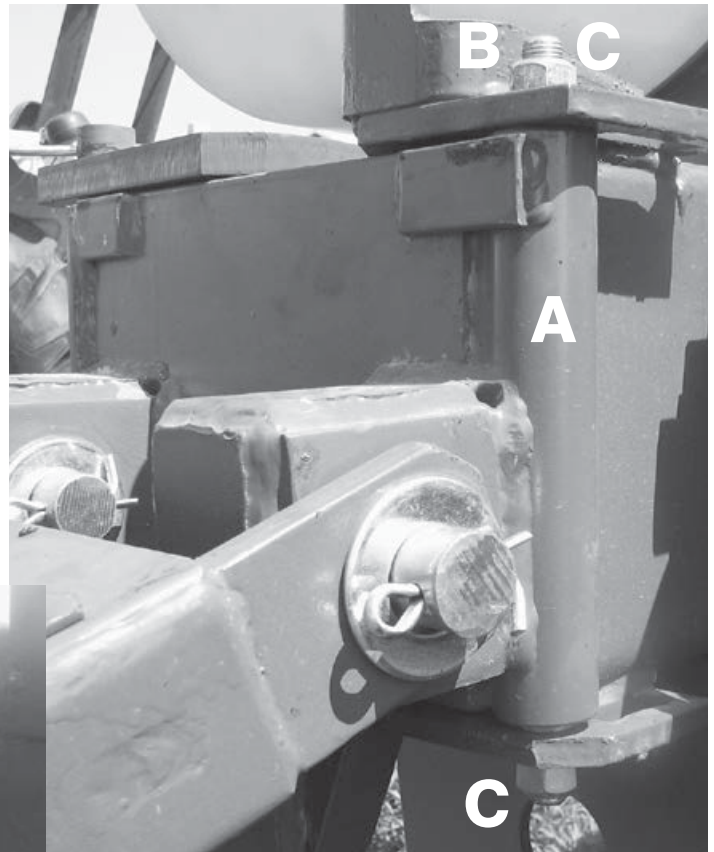
Hydraulic Row Markers 7000 & 7200 Operator's Manual



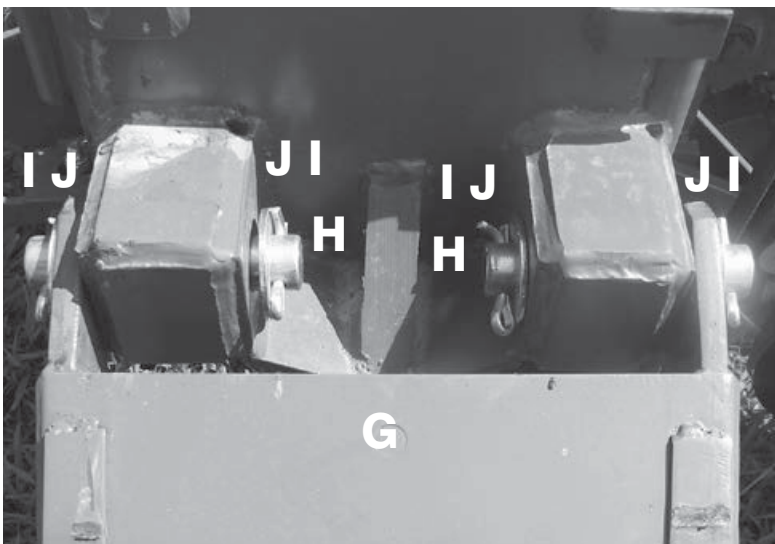
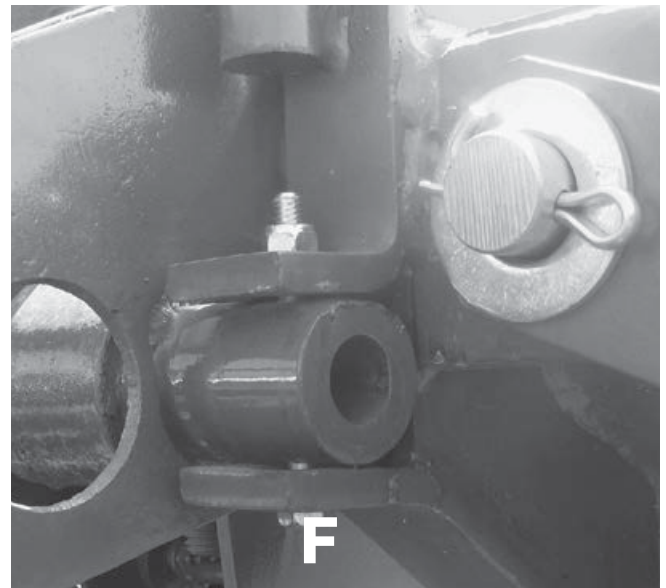
Pequea Planter LLC
561 White Horse Rd.
Gap, PA 17527
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Install 1/2" ID x 3/4" OD x 7" long bushing inside tubing (A). Put 1/2" x 9" bolt (B) (with threads on each end) through bushing and original holes on corn planter. Install 1/2" fine thread nuts (C) on each end.

Add 2 extra shear bolt (D) on bracket (E) (5/16 x 3 grade 5 hex bolt with lock nut).

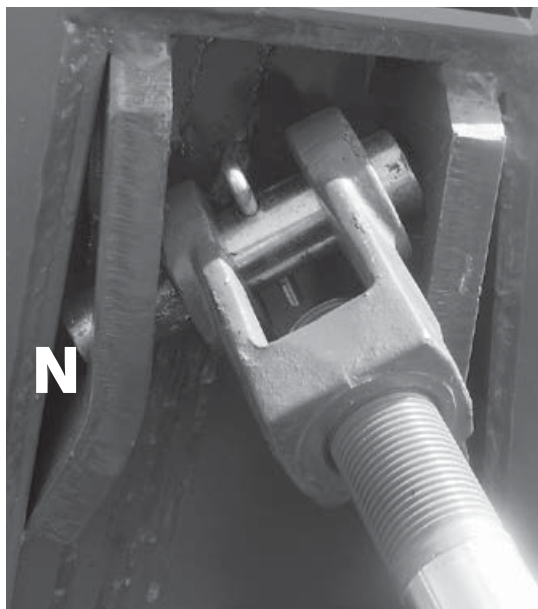


Install shear bolt (F) through original hole in planter.

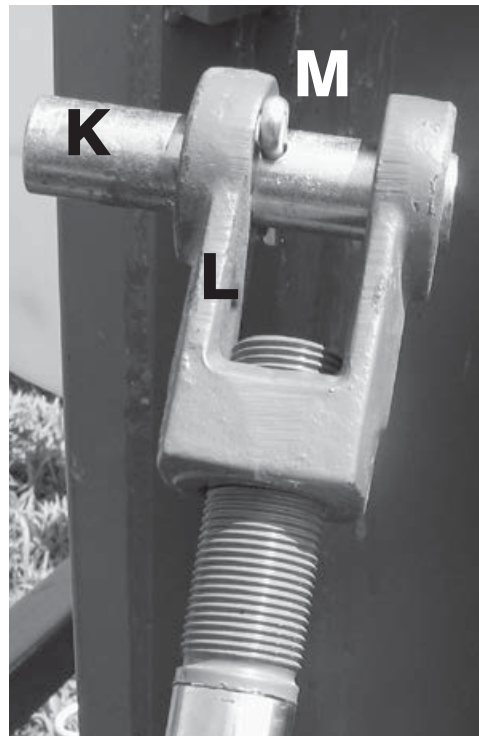


Install Arm (G) with 1" x 4 7/8" pins (H). Use 1/4 x 1 1/2 cotter pins (I) and 1" SAE flat washes (J) to hold pins in place.

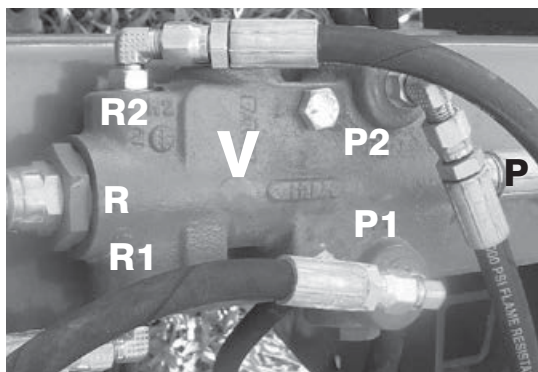
ROW MARKER INSTALLATION INSTRUCTIONS



To install hydraulic cylinder, install 1" x 4" pin (K) into cylinder (L), install in one 1/4" x 1 1/2" cotter pin (M). Place cylinder into marker arm as shown in diagram (N). Move pin till centered with cylinder install with cotter pin (O). Attach bottom of cylinder to bracket (S). If arm is not tight after charging system with oil, adjust length of cylinder (W).

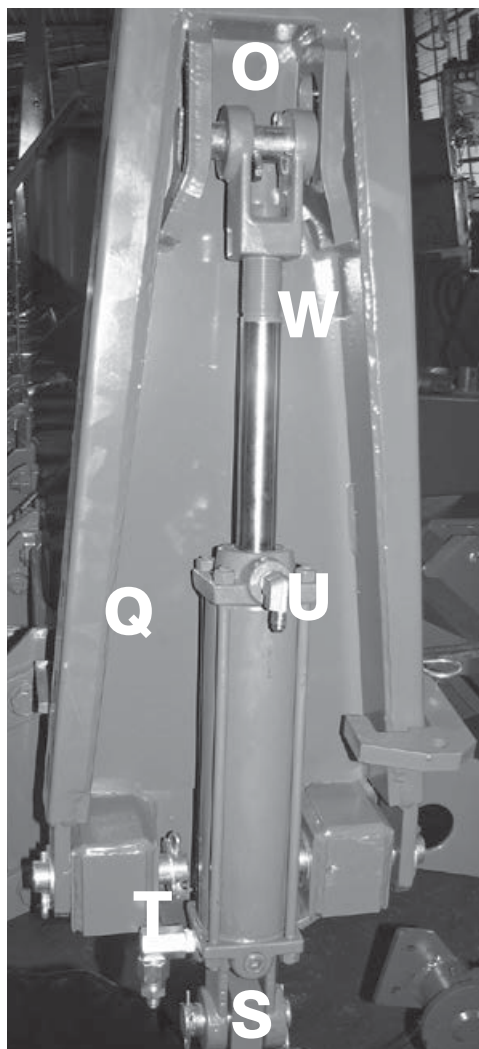
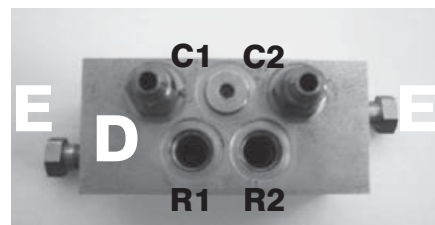
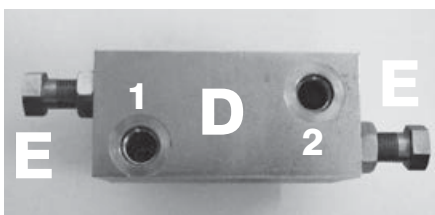


Assemble fittings as shown in diagram (Q). If using John Deere valve (V), fitting (T) must be an orifice fitting, with .040" hole. Without orifice fitting, marker arm will move too rapidly. Mount valve (V) somewhere in center of planter. All ports on valve are marked. Tractor pressure (raise) to (P), tractor return (lower) to (R). Bottom of (RH) cylinder to (P1), top to (R1). Bottom of (LH) cylinder to (P2), top to (R2).



Hydraulic hoses from valve to tractor must be ordered separately.

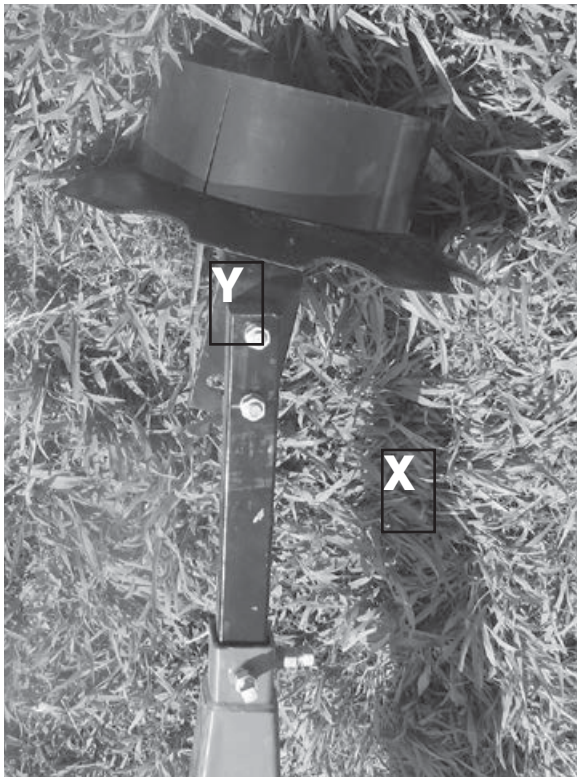
If using Shoemaker valve (D), do not use orifice fitting (T). Use fitting (U) in both ports on cylinder. Valve (D) has internal orifice that can be adjusted with bolts (E). All ports on valve are marked, Tractor pressure (raise) to (1) tractor return (lower) to (2). Cap end (bottom) of (RH) cylinder to (C1), Rod end (top) to (R1). Cap end of (LH) cylinder to (C2), Rod end to (R2).



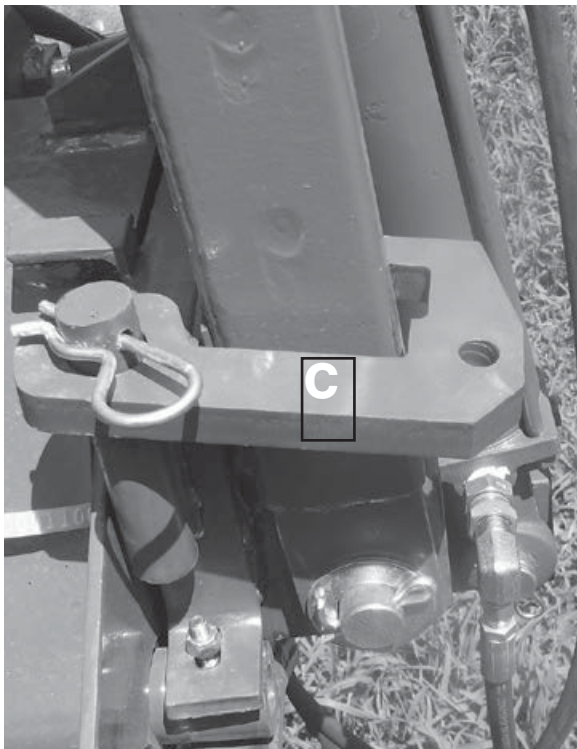
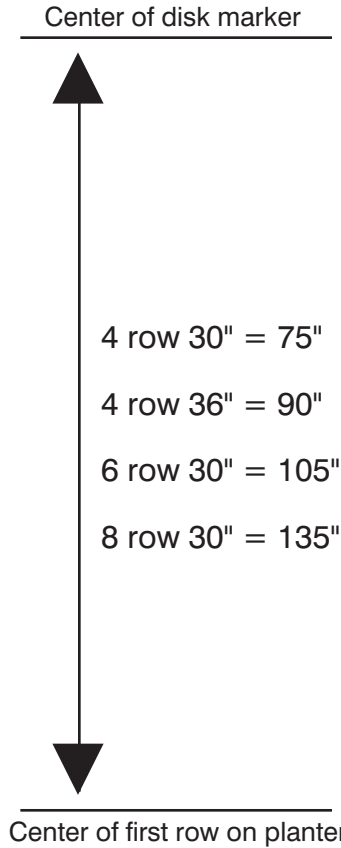
ROW MARKERS INSTALLATION INSTRUCTIONS

Assemble marker disk on arm as shown in diagram (X). Adjust angle on disk with bracket (Y).

(direction of travel)



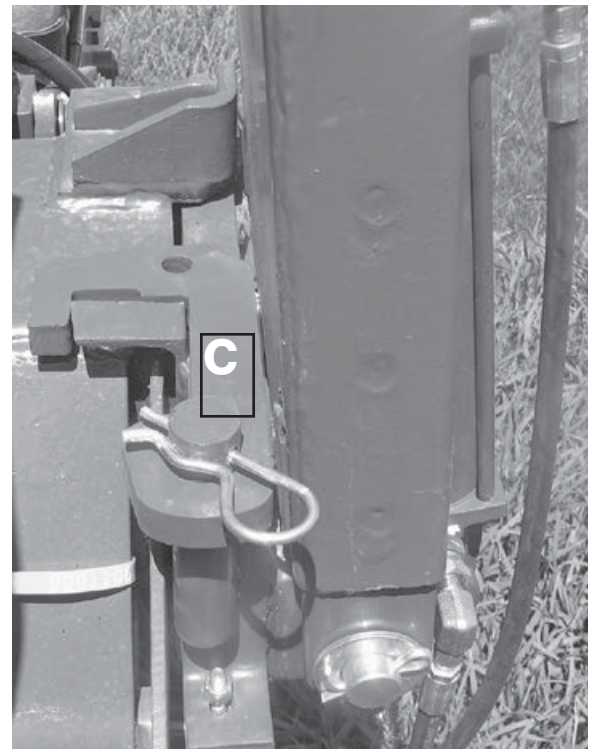
Place decals as shown in diagram (Z) with warning decal (A) on outside of arm, yellow reflector (B) front, red reflector back.

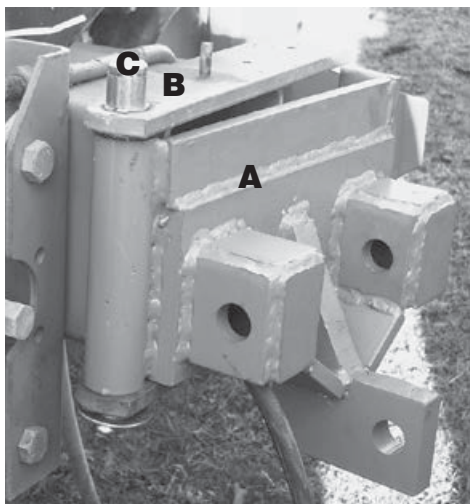


Lock-up (C) in transport position.



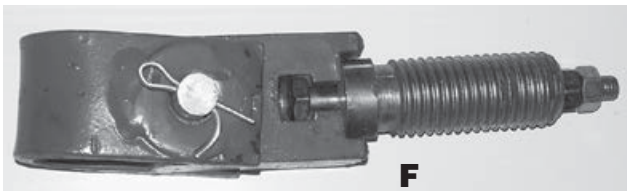
Lock-up (C) in planting position.



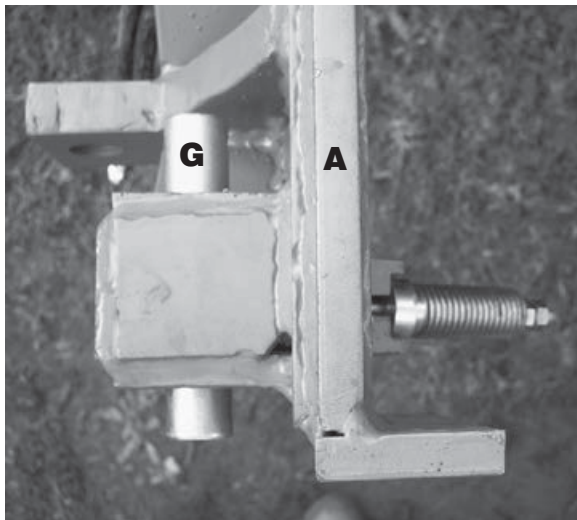


Install pivot (A) with pin (C), install snap ring (B) in bottom groove on pin (C). Fasten pin at bottom with 1" washer (D) and 1/4" x 1 1/2" cotter pin (E).

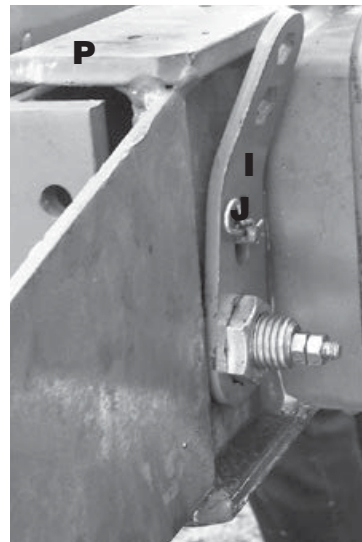
For instructions on weld on brackets (P), see page 8.



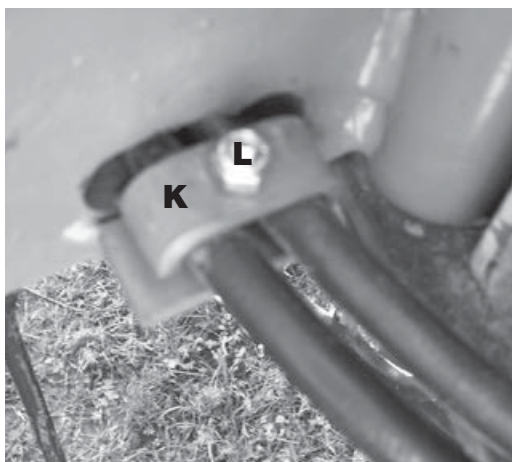
Assemble shear pin assembly as shown in diagram (F).



Install shear pin assembly into pivot (A) with pin (G). Insert shear pin assembly into hole in planter frame, install nut (H) and tighten with wrench (I). Fasten with clip pin (J).

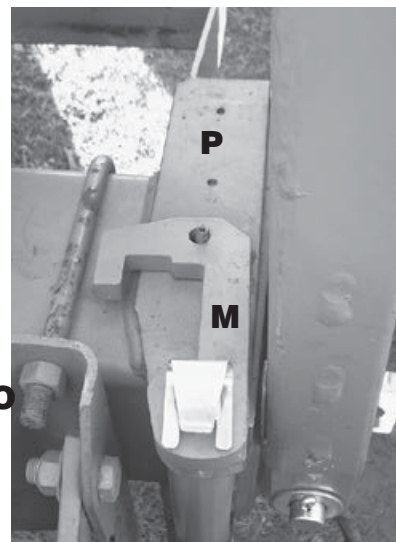


Clamp hose in place with hose holder (K) and 1/4" x 1 1/2" bolt (L) and lock nut.

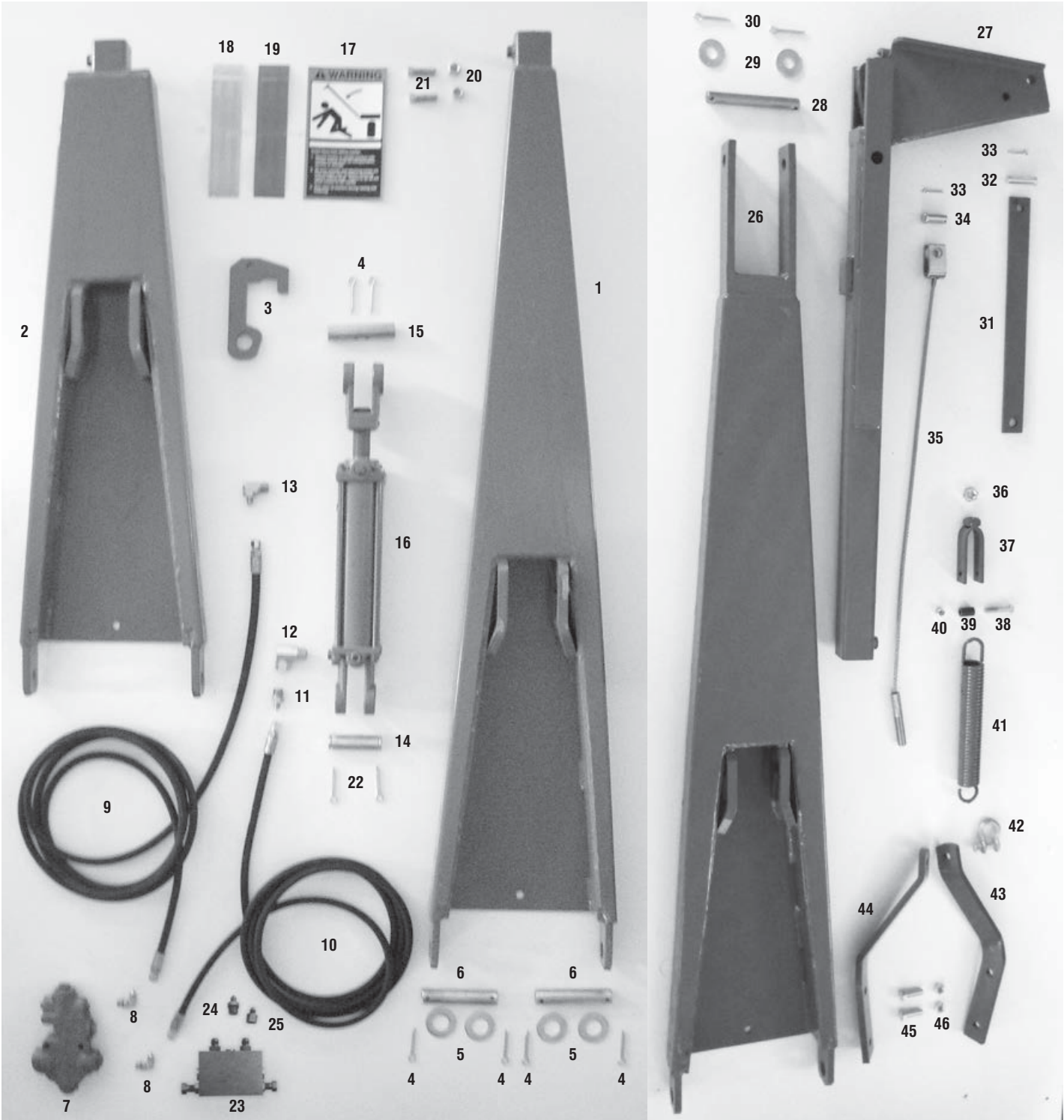


Lock up (M) in transport position in diagram (N).

Lock up (M) in planting position in diagram (O).



ROW MARKERS PARTS BREAKDOWN

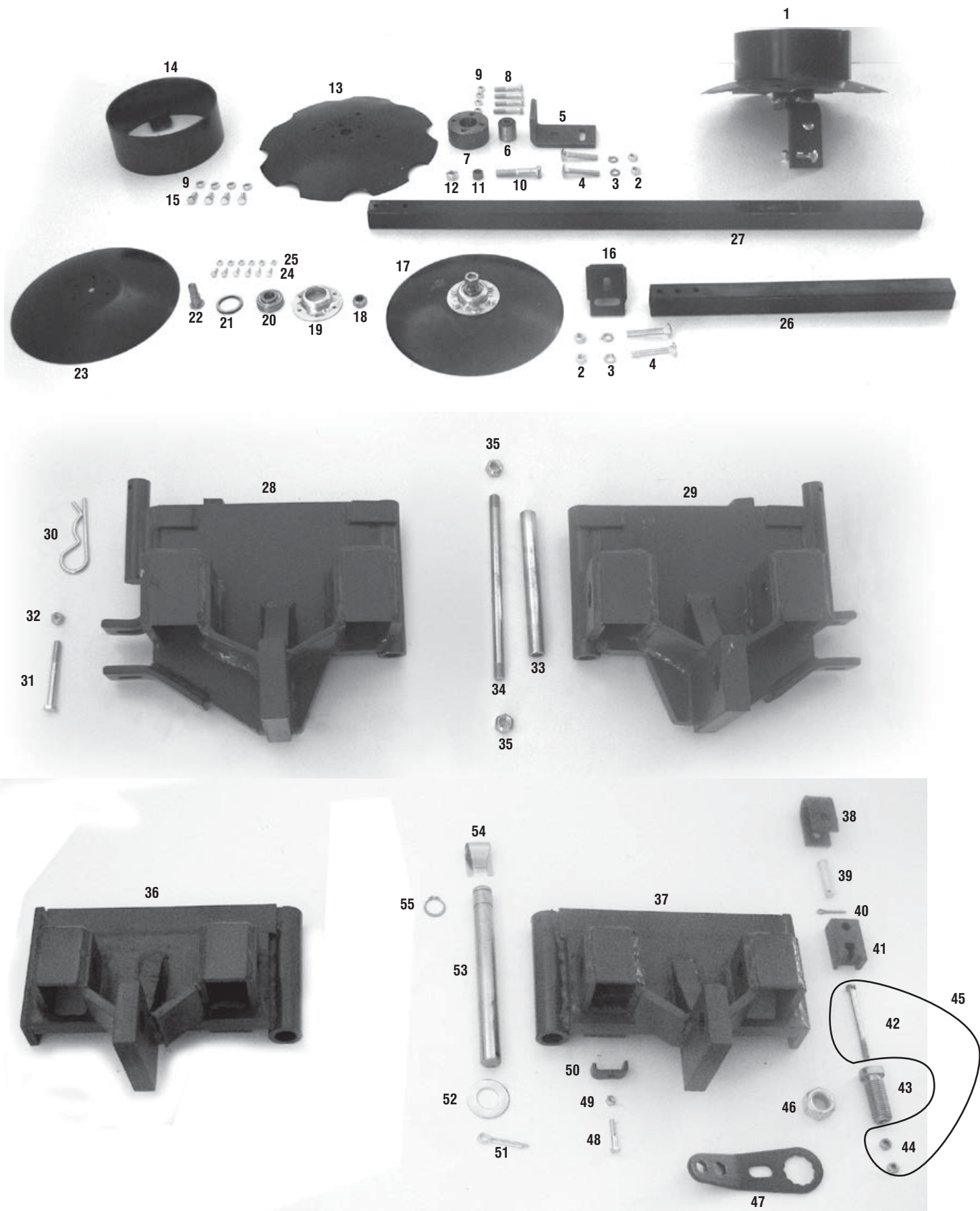




ROW MARKERS PARTS BREAKDOWN

KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0430	Arm	2	For 6 Row & 4 Row wide - Replaces JD Part# AA32172
2	PP0431	Arm	2	For 4 Row
3	PP0432	Lock-up	2	Replaces JD Part# A47737
4		1/4" x 1 1/2" Cotter Pin	16	
5		1" SAE Flat Washer	8	
6	PP0447	Pin	4	
7	PP0433	Valve	1	JD Part# AA43768 (2008 and earlier)
8	PP0434	Fitting	4	6801-4-4
9	PP0435	Hose	1	13' 6 Row
	PP0436	Hose	1	12' 4 Row
10	PP0436	Hose	1	12' 6 Row
	PP0437	Hose	1	11' 4 Row
11	PP0438	Fitting	2	2404-4-6 (For John Deere valve only)
12	PP0439	Orifice Fitting	2	Hole Size .040 (For John Deere valve only)
13	PP0440	Fitting	2	2501-4-6
	PP0440	Fitting	4	2501-4-6 (For Shoemaker valve only)
14	PP0441	Pin	2	
15	PP0442	Pin	2	
16	PP0443	Cylinder	2	
17	PP0444	Decal	2	Replaces JD Part# A54615
18	PP0445	Red Reflector	2	Replaces JD Part# JD5900
19	PP0446	Amber Reflector	2	Replaces JD Part# JD5904
20		1/2" Nut	4	
21		1/2" x 1 1/2" Set Screw	4	
22		3/16" x 1 1/2" Cotter Pin	2	
23	PP0448	Valve	1	Shoemaker valve (2009 and after)
24	PP0449	Fitting	1	6400-4-6
25	PP0450	Fitting	1	2406-6-4
26	PP2603	Arm, inner folding	2	For 8 row narrow, Replaces JD# AA41775
27	PP2604	Arm, outer folding	2	For 8 row narrow, Replaces JD# AH131032
28	PP2605	Pin	2	For folding hinge, Replaces JD# E68478
29		3/4" flat washer	4	
30		1/4" x 1 1/2" cotter pin	4	
31	PP2606	Strap	2	Cable to arm, Replaces JD# A50788
32		1/2" x 2" clevis pin	2	
33		5/32" x 1" cotter pin	4	
34		5/8" x 1 1/2" clevis pin	2	
35	PP2607	Cable	2	Replaces JD# AH131990
36	PP2069	5/8" jam nut	2	Replaces JD# 14H821
37	PP2608	Clevis	2	Replaces JD# AH129234
38		3/8" x 1 3/4" bolt	2	
39	PP2609	Bushing	2	5/8" OD x 3/8" ID x 7/8" long, Replaces JD# 28H1524
40		3/8" locknut	2	
41	PP2091	Spring	2	Replaces JD# A43606
42	PP2610	Clevis	2	Replaces JD# H22480
43	PP2611	Anchor, LH	1	Replaces JD# A49969
44	PP2612	Anchor, RH	1	Replaces JD# A49968
45		1/2" x 1 1/2" bolt	4	
46		1/2" lock nut	4	

ROW MARKERS PARTS BREAKDOWN

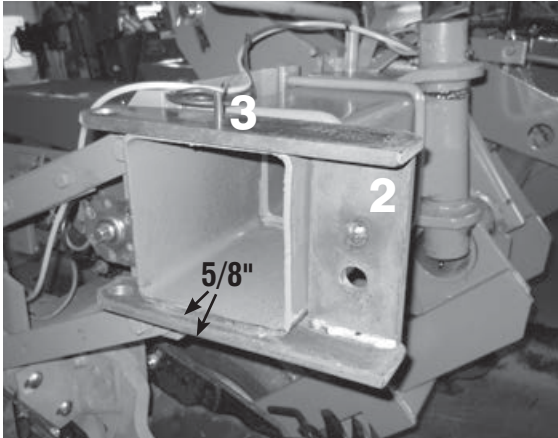




ROW MARKERS PARTS BREAKDOWN

KEY	PART#	DESCRIPTION	QUANTITY	REMARKS
1	PP0402	Complete Assembly	2	16" Notched Disk (Includes 2-15)
2		1/2" Nut	4	
3		1/2" Lockwasher	4	
4		1/2" x 3" Carriage Bolt	4	
5	PP0403	Disk Bracket	2	Replaces JD Part# AA40362
6	PP0404	Bearing	2	Replaces JD Part# AN212132
7	PP0401	Hub	2	Replaces JD Part# A53707
8		7/16" x 2 1/2" Hex Bolt	8	
9		7/16" Lock Nut	16	
10		5/8" x 3 1/2" Hex Bolt	2	
11	PP0405	Bushing	2	Replaces JD Part# A23789
12		5/8" Lock Nut	2	
13	PP0406	Notched Disk	2	Replaces JD Part# A53708
14	PP0407	Depth Band	2	Replaces JD Part# A54075
15		7/16" x 1" Hex Bolt	8	
16	PP0408	Disk Bracket	2	Replaces JD Part # AA25906
17	PP0409	Complete Assembly	2	13" Regular Disk (Includes 18-25) JD Part# AA24318
18		5/8" Fine Thread Nut	2	
19	PP0221	Hub	2	Replaces JD Part# A26032
20	PP0222	Bearing	2	Replaces JD Part# A27002
21	PP0220	Spacer	2	Replaces JD Part# A41683
22	PP0225	D Bolt	2	Replaces JD Part# A25916
23	PP0410	Regular Disk	2	Replaces JD Part# AA57807
24		1/4" x 1/2" Hex Bolt	12	
25		1/4" Flange Nut	12	
26	PP0411	1 3/4" Solid Bar	2	22" long for 4 Row 30"
	PP0412	1 3/4" Tube	2	22" long for 4 Row 30"
27	PP0413	1 3/4" Solid Bar	2	44" long 6 Row - 4 Row wide
	PP0414	1 3/4" Tube	2	44" long 6 Row - 4 Row wide
28	PP0415	Pivot Bracket	1	LH, For 7000
29	PP0416	Pivot Bracket	1	RH, For 7000
30		3/16" Clip Pin	2	For 7000
31		5/16" x 3" Hex Bolt	2	For 7000 Shear Bbolt
32		5/16" Lock Nut	2	For 7000
33	PP0417	Bushing	2	For 7000
34	PP0400	Hinge Bolt	2	For 7000
35		1/2" Fine Thread Lock Nut	4	For 7000
36	PP0418	Pivot Bracket	1	LH, For 7200 Replaces JD Part# A50269
37	PP0419	Pivot Bracket	1	RH, For 7200 Replaces JD Part # A50268
38	PP0420	Clevis	2	For 7200 Replaces JD Part# A45292
39		1/2" x 2" Clevis Pin	2	For 7200
40		5/32" x 1" Cotter Pin	2	For 7200
41	PP0421	Shear Bolt Holder	2	For 7200 Replaces JD Part# A47736
42		M 8 x 100 Bolt	2	For 7200
43	PP0422	Bolt w/hole	2	For 7200 Replaces JD Part# A47734
44		M 8 Nut	4	For 7200
45	PP0423	Shear Bolt Kit		For 7200 Includes 5 bolt & 10 nut Replaces JD Part # AA36520
46		M 24 Nut	2	For 7200
47	PP1053	Wrench	2	For 7200 Replaces JD Part# H138431
48		1/4" x 1 1/2" Hex Bolt	2	For 7200
49		1/4" Lock Nut	2	For 7200
50	PP0424	Hose Holder	2	For 7200 Replaces JD Part# M42858
51		1/4" x 1 1/2" Cotter Pin	2	For 7200
52		1" Flat Washer	2	For 7200
53	PP0425	Hinge Pin	2	For 7200 Replaces JD Part # A41808
54	PP0426	Clip	2	For 7200 Replaces JD Part # A50417
55	PP0427	Snap Ring	2	For 7200 Replaces JD Part# W23122

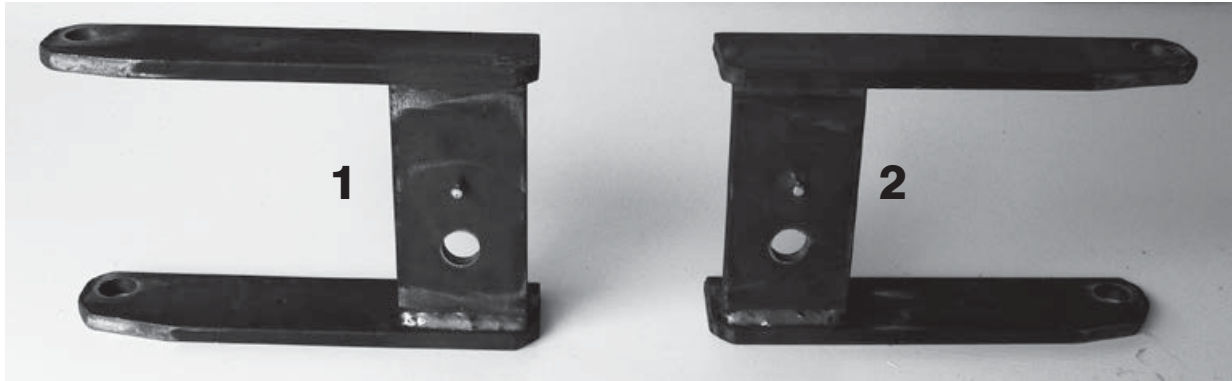
ROW MARKER WELDON BRACKET



Installation Instructions

Install Weldon bracket as shown in picture (RH side shown) with bracket extending 5/8" past toolbar.

Part Numbers



KEY	PART#	DESCRIPTION
1	PP0428	LH Weldon bracket
2	PP0429	RH Weldon bracket
3		M8 & 36 roll pin, Replaces JD# 34M7046

