



PLANTER TRANSPORT

MODEL: JD



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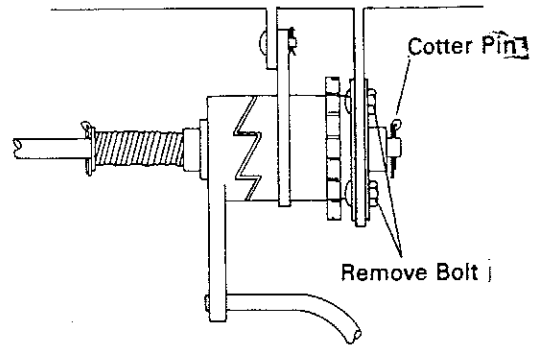
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ASSEMBLY INSTRUCTIONS

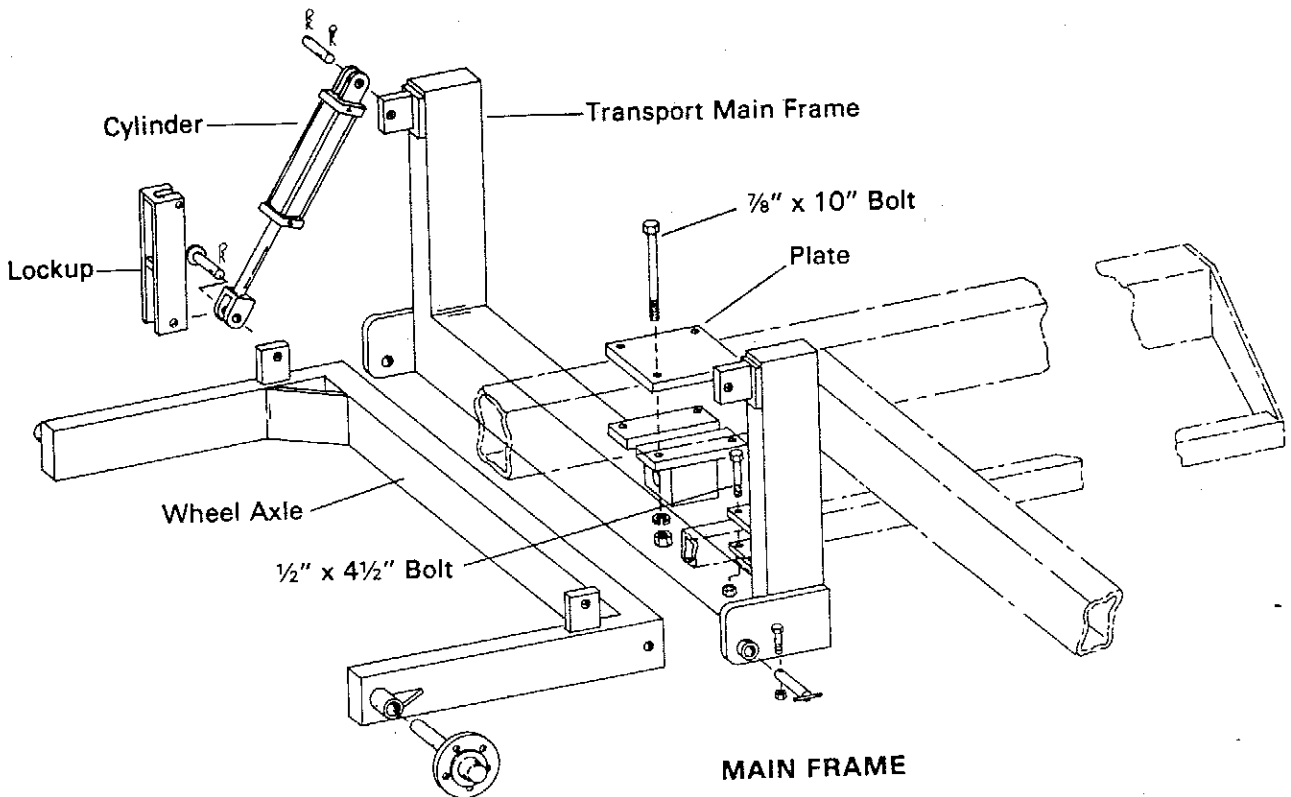
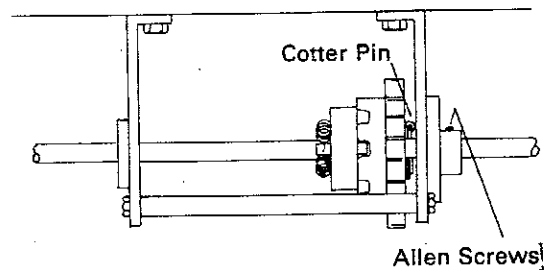
The right planter shaft must be moved to the right. "Left" and "Right" is viewed from standing behind the planter looking forward.

1. Remove cotterpin from center.
2. Remove 2 bolts from planter drive.
3. Remove 2 cotter pins from left side of drive sprockets.
4. Loosen allen screws from sealed bearing on right drive wheels.
5. Pull shaft out far enough to allow the transport main frame to be attached to planter frame. Mount transport frame between the first two rows to the right of planter tongue.

6. Install main frame by lifting frame by hook eye on frame up to the planter frame. Mount to center tube with four $\frac{7}{8}$ " x 10" bolts and a plate. Attach the front plate with four $\frac{1}{2}$ " x $4\frac{1}{2}$ " bolts and a plate.
7. Slide planter drive shaft to the left through hole in transport frame. Reassemble the planter drive, steps 1 through 4.
8. Assemble wheel axle to the main frame with two pins, securing in place with $\frac{3}{8}$ " x $2\frac{1}{2}$ " bolts and nuts. Mount the rims to the axle hubs at this time.



← (DELETE STEPS 1-5 AS OF 1/1/83).

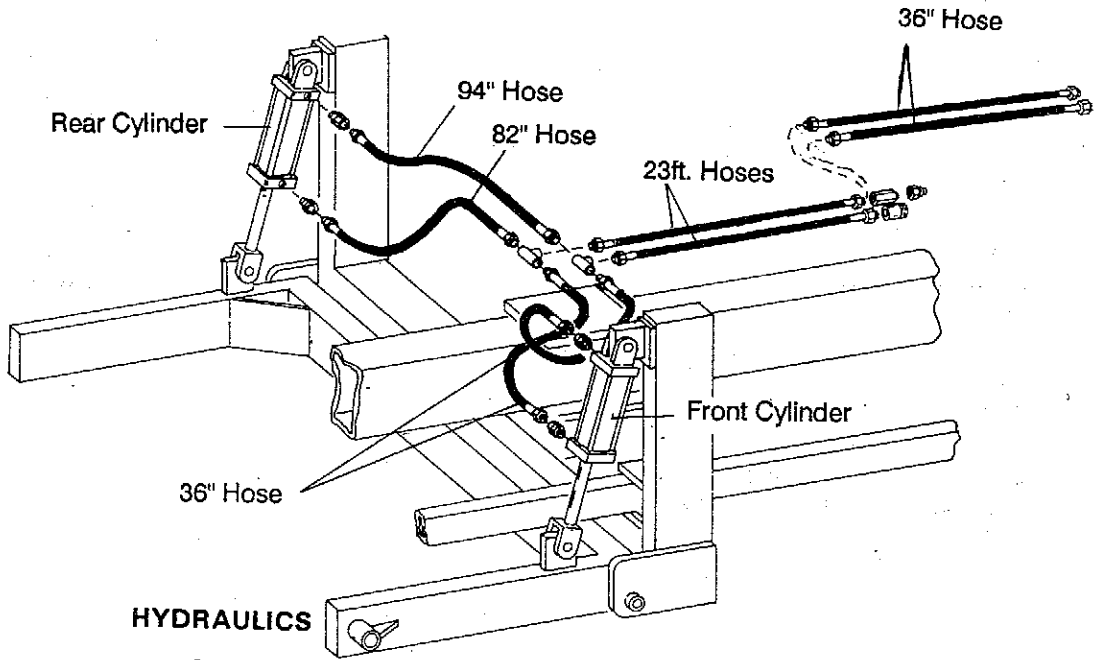


9. Mount the hydraulic cylinders in place between the the frame and axle frame. attach the cylinder lockup to the bottom pin as shown. The cylinder ports are to be to the inside of the frame.

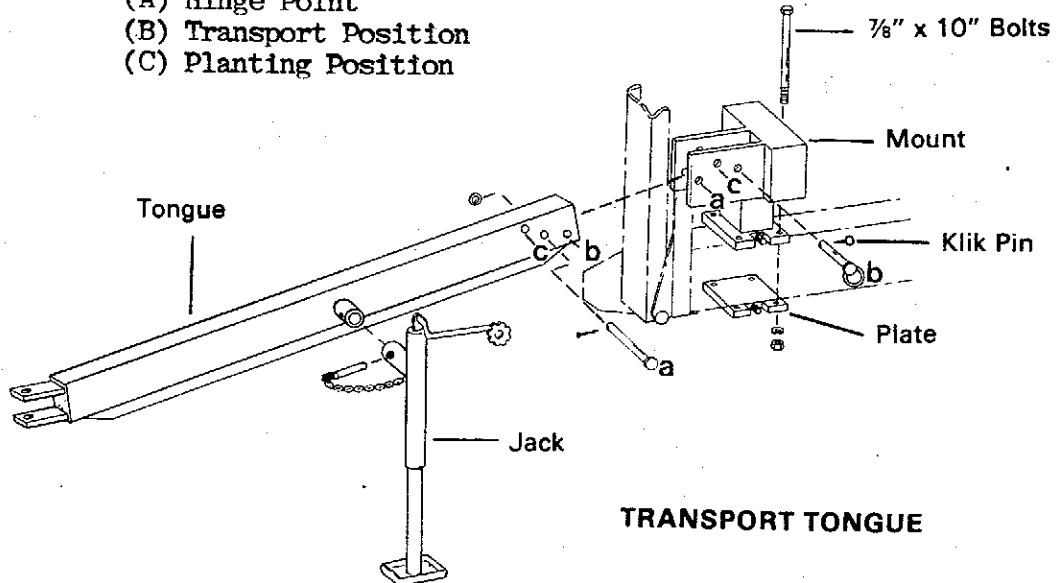
10. Connect the 36" hoses to the front cylinder. Turn two tees onto the hoses. Turn a 82" hose to the tee (hose connected to bottom cylinder port), run through lift eye and fasten to bottom port of rear cylinder. Turn a 94" hose into the other tee and connect to rear cylinder top port. Turn a 23ft. hose into each of the restrictors (pre-installed) into 3/8" tee and run hoses to left end of planter. Tie hoses to planter frame with tie straps.

11. On a 12-row-30" planter a 36" hose must be added to the 23ft. hoses running on the frame. Do not operate the transport cylinders without a restrictor installed.

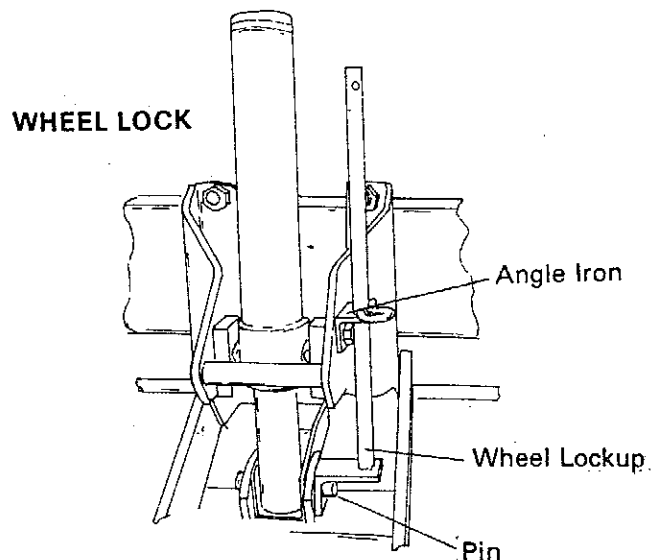
12. Install transport tongue on left end of planter. Tongue mount must be attached to top side of planter beam and secured by four 7/8" N.C. x 10" bolts. The tongue mount may be mounted in various positions, see illustration on page 4.0



- (A) Hinge Point
- (B) Transport Position
- (C) Planting Position



14. Attach wheel lockups to the cylinders as shown. Remove top right cylinder bolt: $\frac{1}{2}$ " x $1\frac{3}{4}$ ", install angle iron on bolt loosely. Slide holdup rod through the angle iron. Remove cotter pin from bottom pin of cylinder and attach holdup rod to this pin. Tighten bolt now. Adjust wheel locks by use of hairpin cotter.
15. Truss rods are used on 12-row planters. Mount the center support over the main frame. Slide truss rod through support and place the two end supports in position on the planter frame. The end support mounts with a plate and four $\frac{3}{4}$ " x 10" bolts.



OPERATION

Planting to Transport Position

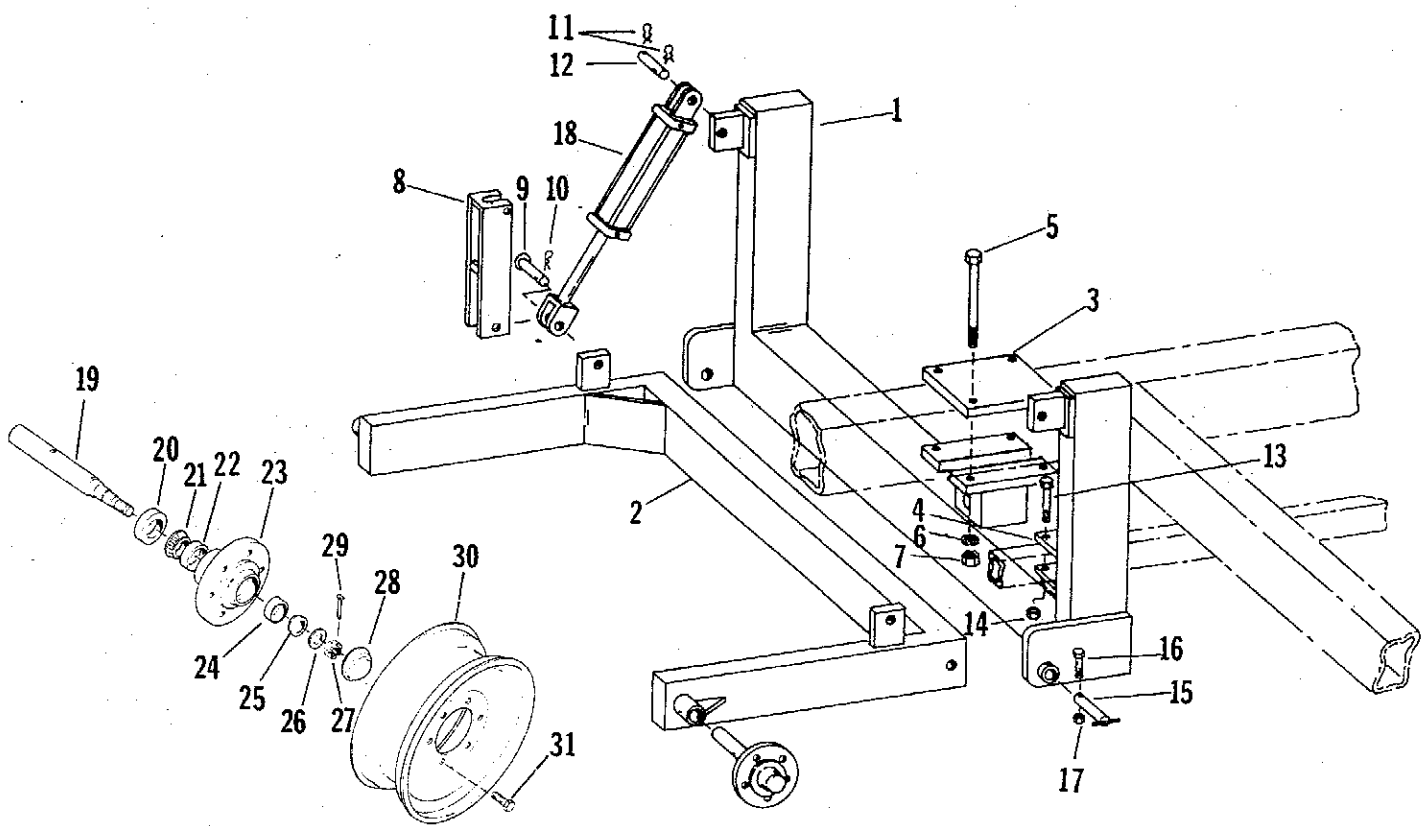
1. Lower planter stand and marker locks.
2. Lower planter.
3. Install planter lockup pins and remove planter hoses from tractor.
4. Remove drawbar pin and move tractor to left end of planter.
5. Lower hitch and fasten transport tongue to it.
6. Attach hoses from transport to tractor.
7. Raise planter and fold planter tongue back. Lock in place.
8. Install transport lockups in place. Do not move planter with transport locks down. Failure to not have locks in place could damage the transport and planter.

Transport to Planting Position

1. Move planter hitch into place.
2. Lower transport locks.
3. Lower transport, and remove hoses from tractor.
4. Remove planter holdup pins from planter wheels
5. Move tractor to front of planter, connect hoses and raise planter.
6. Turn marker locks.



WARNING: MAXIMUM TRANSPORT SPEED IS 15 MPH.



MAIN FRAME

Ref.	Item No.	Part No.(old)	Description	Qty.
1	202-10747	W1001	Main Frame	1
2	202-11479	W1002	Wheel Frame	1
3	202-10739	W1003	Plate	1
4	202-10743	W1004	Plate	1
5	016-196570	14160	Bolt, 7/8"x10"	4
6	020-11875	H0014	Washer, 7/8"	4
7	017-116248	H1014	Nut, 7/8"	4
8	202-10765	W1005	Cylinder Lock-up	2
9	202-10780-2	W1006	Pin, 1"x4"	2
10	032-424434	W1029	Hair Pin Cotter	4
11	049-202356	W1030	Hair Pin	4
12	401-10025	W1031	Cylinder Pin	2
13	016-156246	872	Bolt, 7/16"x4"	4
14	017-216218	H108	Nut, 7/16"	4
15	202-10734	W1007	Pin, Frame	2
16	016-156222	640	Bolt, 7/16"x2-1/2"	2
17	016-216218	H106	Nut, 7/16"	2
18a	400-003010-200	W1008	3"x10" Hyd. Cyl. (8-row) 132	2
18b	400-003510-200	W1008	3-1/2"x10" Hyd. Cyl. (12-row) 147	2
19	050-10095	W1009	Axle (2" as of 8/15/79)	2
20	050-61411	W1010	Seal	2
21	019-LM603049	W1011	Cone, bearing (inner)	2
22	019-LM603011	W1012	Cup, race (inner)	2
23	050-61400	W1013	Hub w/cups	2
24	019-LM48549	W1014	Cup, bearing (outer)	2
25	019-LM48510	W1015	Cone, race (outer)	2
26	050-12150	W1016	Washer, flat	2
27	017-170202	W1017	Nut, castle	2
28	050-61460	W1018	Cap, hub	2
29	032-424368	W1019	Cotter Pin	2
30	050-15081	W1020	15x8 6/bolt Rim	2
31	050-61450	W1021	9/16" Wheel Bolt	12

NOTICE

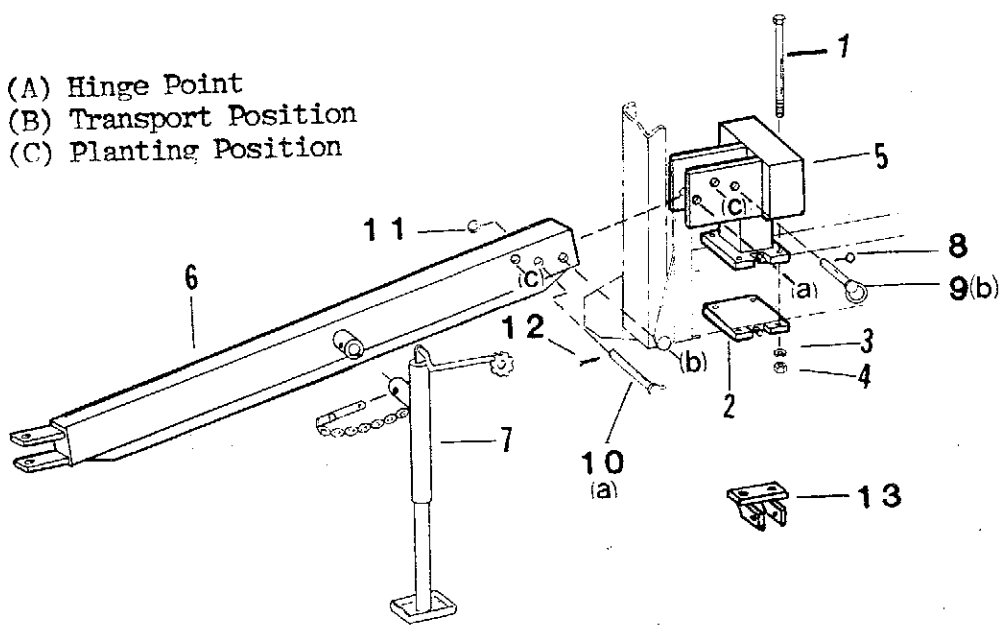
AS OF AUG. 15, 1979
CYLINDERS AND SPINDELS
HAVE BEEN CHANGED.

ALL 8 ROW TRANSPORTS
HAVE 3" X 10" CYLINDERS 12
ROW TRANSPORTS HAVE
3-1/2" CYLINDERS.

SPECIFY WHEN ORDERING
CYLINDERS OR O-RINGS KITS.

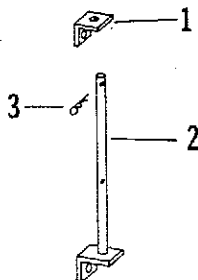
ALL SPINDELS NOW ARE 2" IN
DIAMETER, SPECIFY 2" OR
1-3/4" WHEN ORDERING
SPINDELS, HUBS, BEARINGS,
SEALS.

- (A) Hinge Point
- (B) Transport Position
- (C) Planting Position



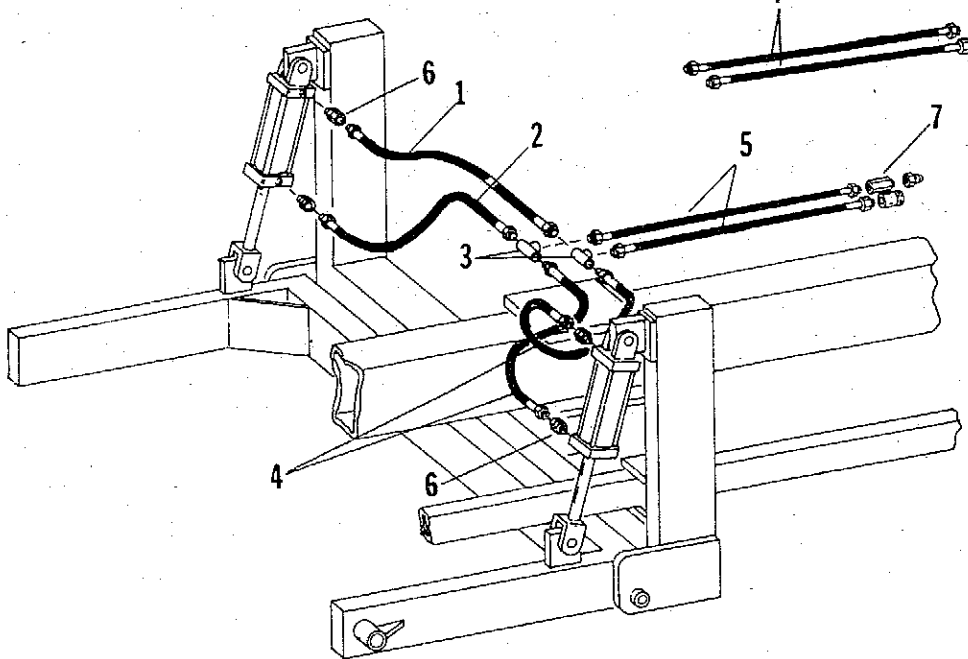
TRANSPORT HITCH

Ref.	Item No.	Part No.(old)	Description	Qty.
1	016-196570	14160	Bolt, 7/8"x10"	4
2	202-10759	W1023	Plate, mounting	1
3	020-11875	H0014	Washer, lock, 7/8"	4
4	017-116248	H1014	Nut, 7/8"	4
5	202-10761	W1022	Hitch, mount	1
6	202-10758	W1024	Tongue	1
7	050-100106	W1025	Jack assembly	1
8	037-218324	W1027	Lynch pin	1
9	202-10779-1	W1028	Pin, 1"x5-1/2"	1
10	202-10779-2	W1044	1" Pin	1
11	020-32000	W1045	1" washer	1
12	032-424434	W1046	1/4" Cotter Pin	1



WHEEL LOCKUPS

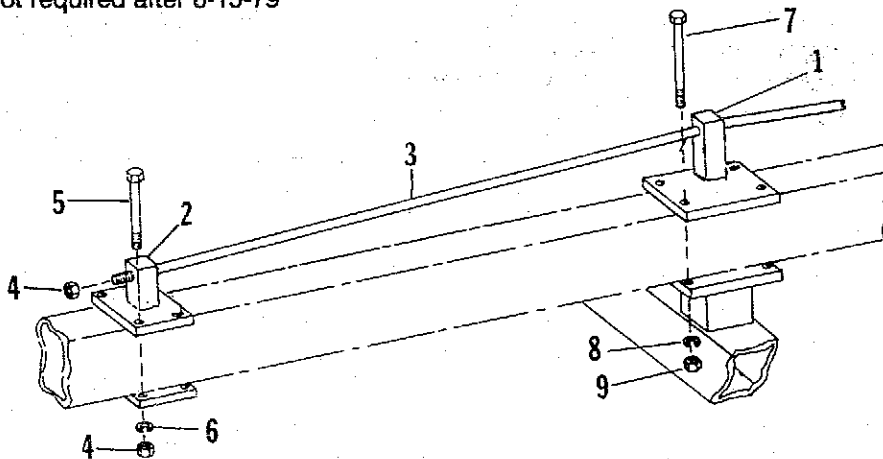
Ref.	Item No	Part No.(old)	Description	Qty.
1	202-10771	W1041	Mount, angle iron	x
2	202-10772	W1042	Rod, holdup	x
3	049-202380	W1043	Hair pin cotter	x
	202-500200		*Complete Assy.	x



HYDRAULIC SYSTEM

Ref.	Item No.	Part No.(old)	Description	Qty.
1	202-500205	W1032	Hose, 94" long	1
2	202-500210	W1033	Hose, 82" long	1
3	011-233718	W1034	Tee, 3/8"	2
4	202-500215	W1035	Hose, 36" long	2
5	202-500220	W1036	Hose, 23'	2
6*			Included in hose assy.	
7*			Restrictor (built in cyl.)	

* not required after 8-15-79



TRUSS ROD ASSEMBLY

Ref.	Item No.	Part No. (old)	Description	Qty.
1	202-10774	W1038	Center Mount	1
2a	202-10768R	W1039	End Mount	1
2b	202-10768L	W1039	End Mount	1
3	202-10773	W1040	Truss Rod	1
4	017-116242	H1022	Nut, 3/4"	10
5	016-186504	12160	Bolt, 3/4"x10"	8
6	020-11750	H012	Washer, lock, 3/4"	8
7	016-196570	14160	Bolt, 7/8"x10"	4
8	020-11875	H0014	Washer lock, 7/8"	4
9	016-116248	H014	Nut, 7/8"	4

TONGUE MOUNTS

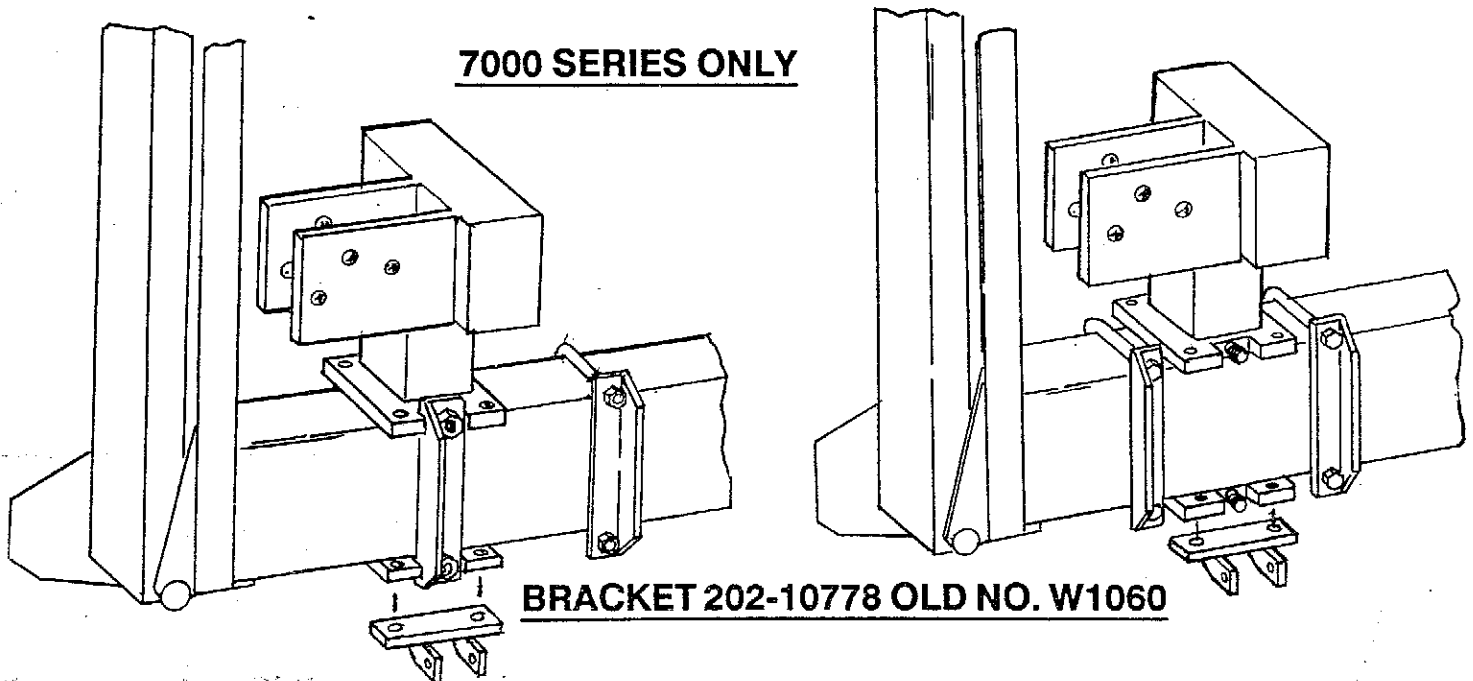
TONGUE MOUNT MAY BE MOUNTED IN THREE DIFFERENT POSITIONS.

POSITION 1. Bolt tongue mount between marker and first unit.

POSITION 2. Bolt tongue mount between angle irons of the first unit.

POSITION 3. Bolt tongue mount directly on parallel linkage angle iron mount.

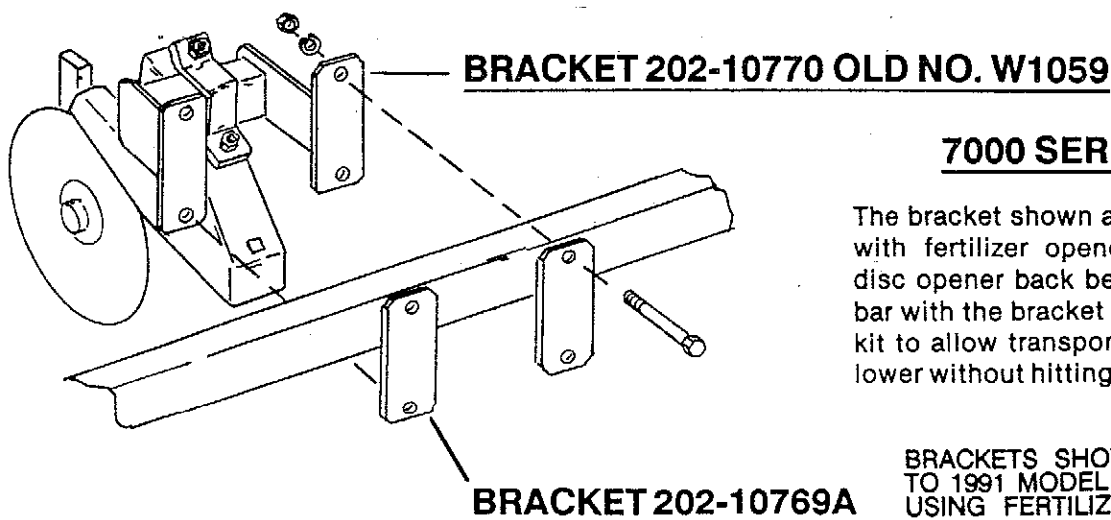
Use mounting position that works best with the row spacings and fertilizer tank or hopper.



Hitch may also be mounted in the above position. When mounted this way you don't use the U bolt. Hitch brackets & plates have bolts welded in them.

THE 202-10778 BRACKET IS USED ONLY WITH CONSERVATION TILLAGE COULTERS. TO INSTALL REMOVE MOUNTING PLATE BETWEEN ROW UNIT AND TOOLBAR, INSTALL THIS BRACKET BELOW THE WETHERELL TONGUE BRACKET, AS SHOWN IN THE DRAWING ABOVE. REHOOK PRESSURE SPRINGS.

FERTILIZER OPENER BRACKETS



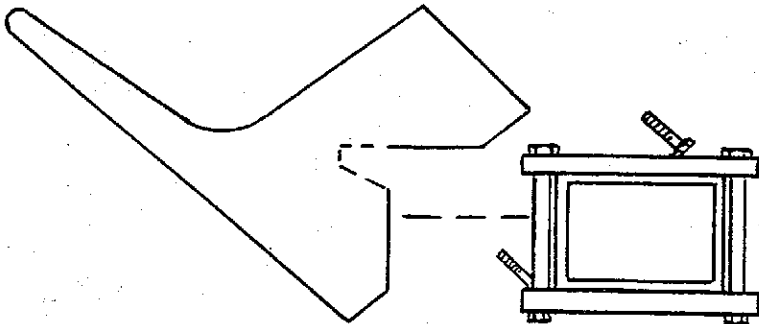
7000 SERIES ONLY

The bracket shown at the left is used only with fertilizer openers. You must move disc opener back behind the 2½" square bar with the bracket furnished in transport kit to allow transport wheels to raise and lower without hitting opener.

BRACKETS SHOWN REQUIRED PRIOR TO 1991 MODEL YEAR, IF YOU ARE USING FERTILIZER OPENERS.

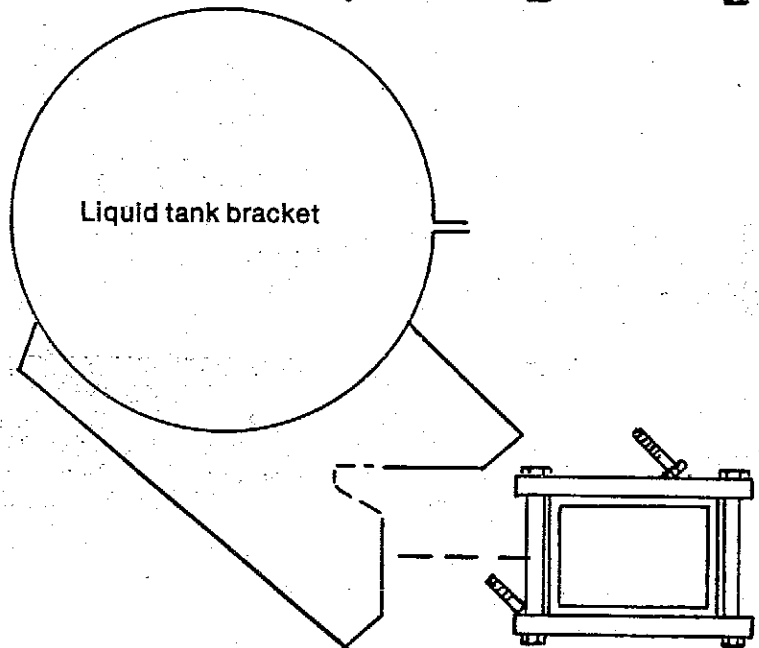
DRY AND LIQUID FERTILIZER MOUNTINGS

Dry hopper bracket



When mounting transport on some narrow row planters with fertilizer attachments. The left hand tank or hopper bracket must be altered. First look at template pattern furnished in the rear of this manual.

Liquid tank bracket



Step 1. Weld bracket to tank or hopper attachment as shown on template

Step 2. Use scissors and cut template out as shown on template page.

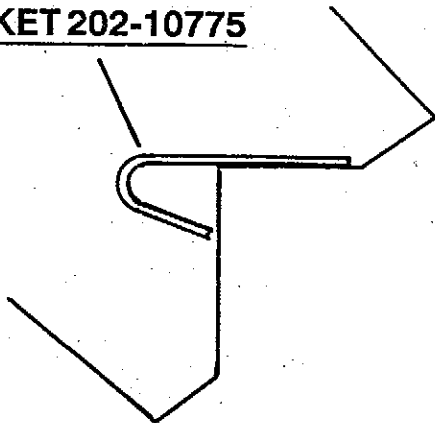
Step 3. Lay template on bracket and chalk a line around the notch of the template.

Step 4. With a touch cut out chalked notch and smooth up with a grinder.

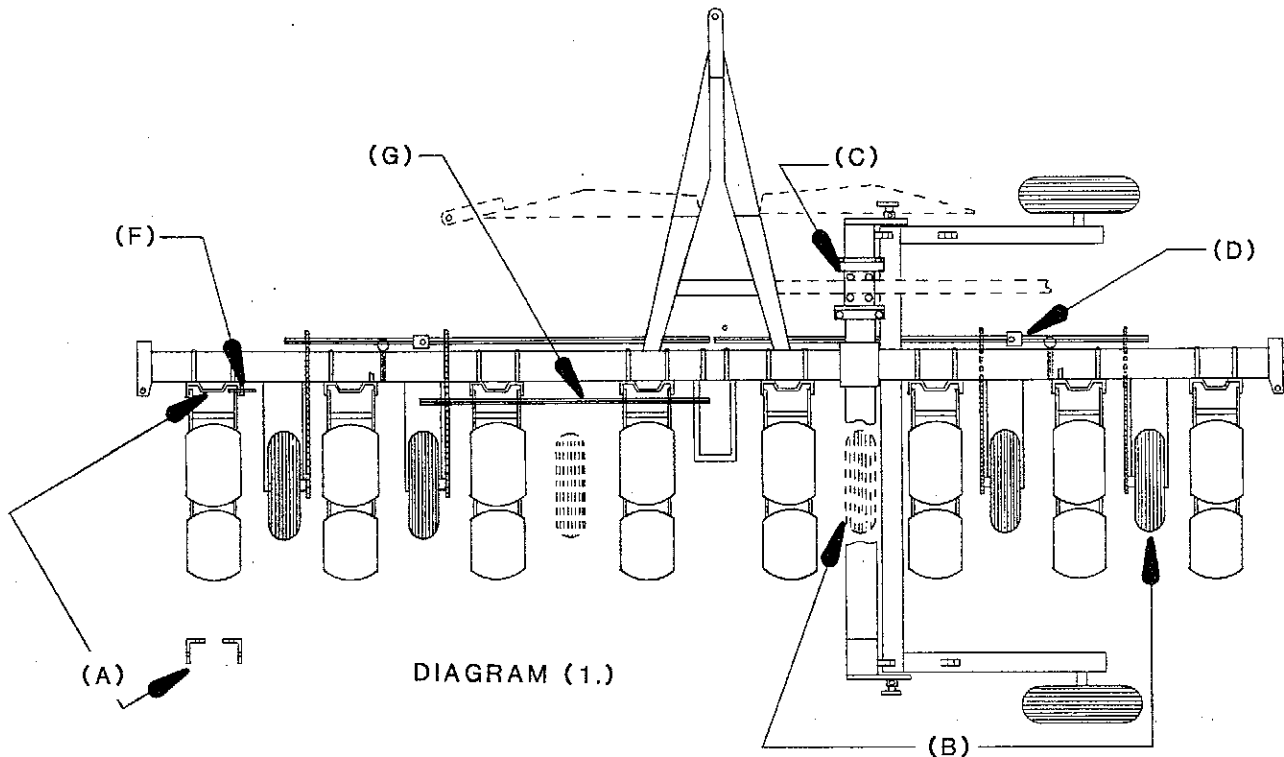
Step 5. Repaint and mount on bolts already welded on the transport center mounting plate.

BRACKET 202-10775

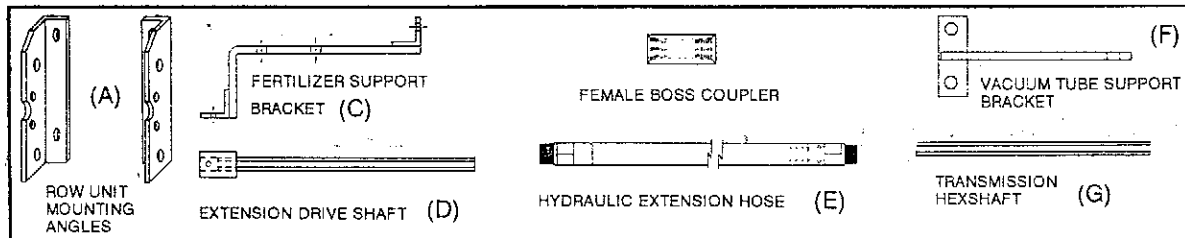
Weld on Iron



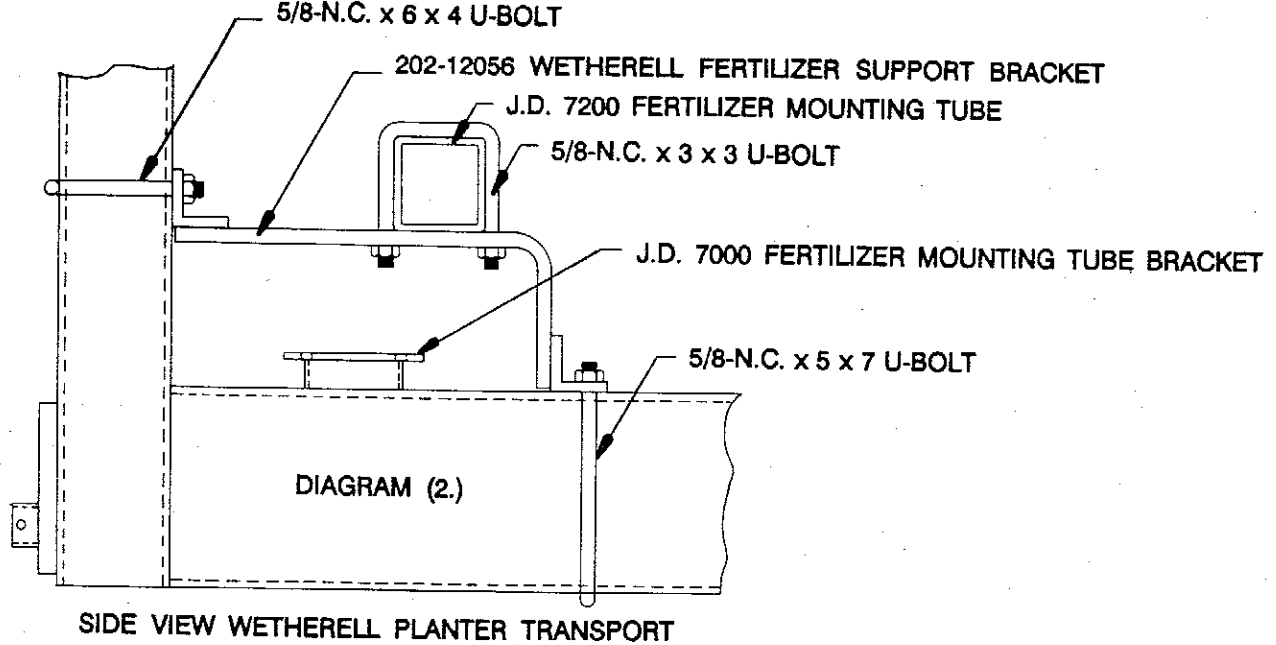
MOUNTING INSTRUCTIONS FOR J.D. 7200 PLANTER TRANSPORTS



PARTS REQ. FOR J.D. 7200 8-W & 12-N PLANTERS WITH FERTILIZER

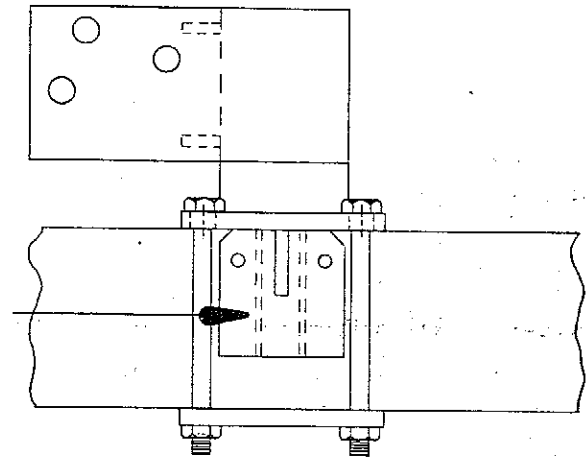


1. REMOVE PLANTER ROW UNIT ON LEFT END OF PLANTER, REPLACE THE J.D. FORMED MOUNTING PLATE (SHOWN ABOVE) WITH WETHERELL LEFT & RIGHT ANGLE MOUNTS (A) AND REINSTALL PLANTER ROW UNIT.
2. BEFORE MOUNTING THE TRANSPORT HITCH MAST, YOU WILL NEED TO SHORTEN THE 3" VACUUM METER TUBE, BETWEEN PLANTER UNITS 1. & 2. , RECONNECTING THE VACUUM TUBES WITH A 3" FEMALE PVC COUPLER (NOT FURNISHED) TO PROVIDE CLEARANCE BETWEEN THE HITCH MAST WELD'T & VACUUM METER TUBE.
3. NOW INSTALL THE WETHERELL VACUUM TUBE SUPPORT BRACKET (F) ON THE RIGHT ROW UNIT ANGLE, ON PLANTER UNIT (1.) REINSTALL THE VACUUM TUBE CLAMPS, FROM THE FORMED MOUNTING PLATE THAT WAS REMOVED.
4. REMOVE & RELOCATE PLANTER WHEEL ASS'Y (B) AND ALSO LEFT END , AS SHOWN ABOVE. NOTE THAT ON ALL J.D. 7200 PLANTER TRANSPORTS, THE WHEEL LOCKUPS REQUIRE A LONGER CYLINDER PIN, FURNISHED WITH THE TRANSPORT 202-12408.
5. AFTER YOU HAVE RELOCATED BOTH PLANTER WHEEL ASSEMBLIES, INSTALL THE EXTENSION DRIVE SHAFTS (D) AND FEMALE BOSS COUPLERS & HYDRAULIC HOSES (E).
6. NOW INSTALL LONGER TRANSMISSION HEXSHAFT (G) SHOWN ABOVE , WHICH INGAUGES AND DISENGAUGES TRANSMISSION.
7. NOW INSTALL WETHERELL PLANTER TRANSPORT IN THE SAME MANNER AS THE 7000 SERIES.
8. INSTALL FERTILIZER SUPPORT BRACKET (C) AS SHOWN IN DIAGRAM (1) & (2).
9. THE PLANTER TRANSPORT AXLE FRAME WILL NOW ACCOMODATE A PLANTER EQUIPPED WITH SPRING TOOTH INCORPORATORS.
10. THE TONGUE MOUNT BRACKET HAS BEEN LENGTHENED TO PROVIDE INCREASED CLEARANCE FOR THE MARKER. 7200 SERIES MARKER MOUNTING BRACKETS HAVE A WIDER BASE THAN PREVIOUS PLANTER MODELS.



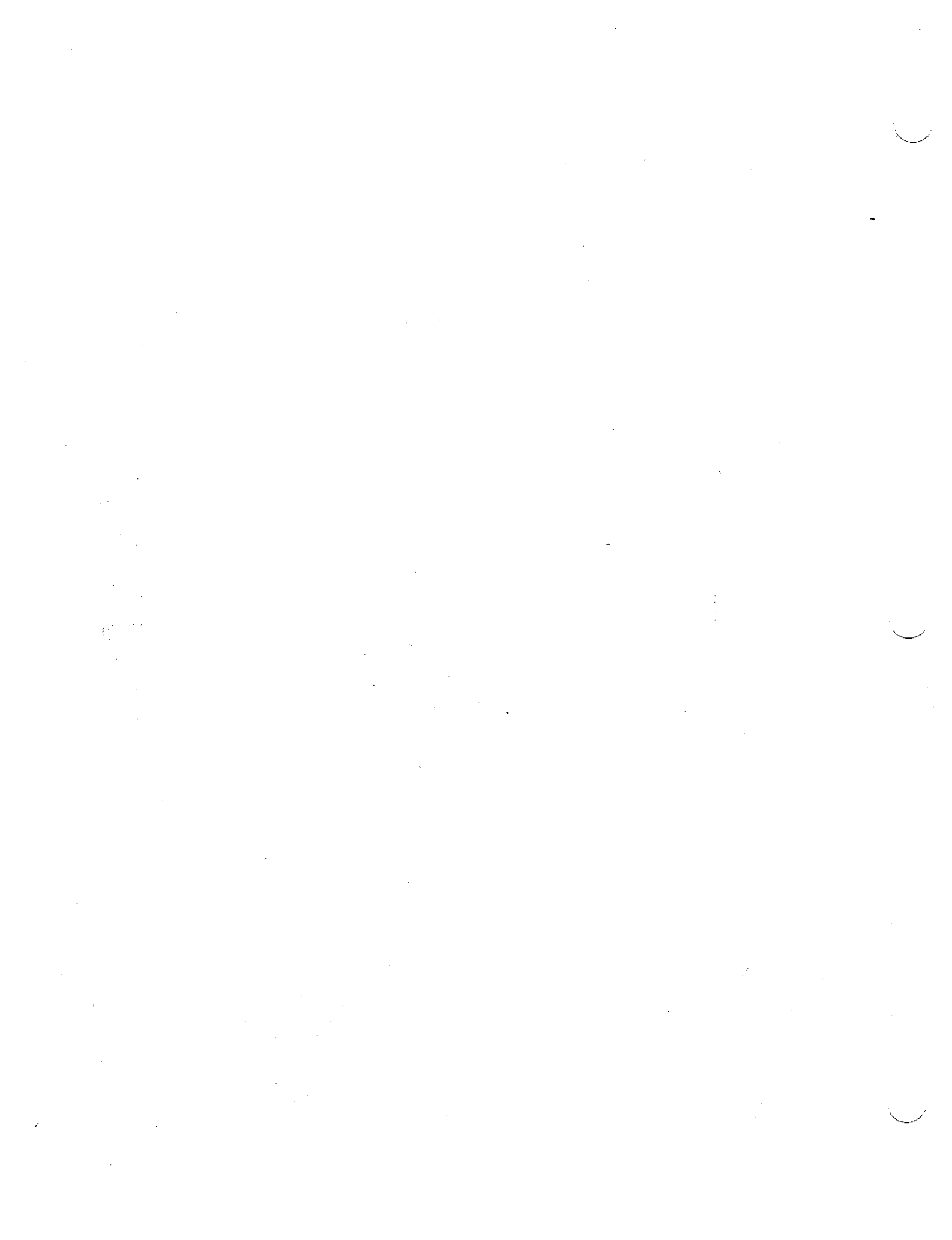
NOTE: PART NO. FOR WELD ON DOWN PRESSURE SPRING BRACKET IS 202-11805, WHICH WERE NOT SENT OUT ON J.D.7200 PLANTER TRANSPORTS PRIOR TO 1989 MODELS.

HITCH MAST WELD'T SHOWN WITH DOWN PRESSURE SPRING BRACKET.



JD 7200 ASSEMBLY

Wetherell Item No.	Description	Qty.
202-11801	Left Angle Mount	1
202-11801-1	Right Angle Mount	1
202-500225	Extension Drive Shaft Weldment	2
016-126030	1/4"-N.C. Hexbolt x 2 1/2" lg.	2
020-11250	1/4" Lockwasher	2
017-116200	1/4"-N.C. Hexnut	2
202-500230	Hydraulic Hose Ass'y	2
071-300610	Female Boss Coupler	2
202-12056	Fertilizer Support Bracket	1
060-100120	5/8"-N.C. x 6 x 4 U-Bolt	1
060-100160	5/8"-N.C. x 3 x 3 U-Bolt	2
060-100100	5/8"-N.C. x 5 x 7 U-Bolt	1
020-11625	5/8"-Lockwasher	12
017-116236	5/8"-N.C. Hexnut	12
202-12408	Lockup Cylinder Pin	1-per lockup
202-12409	Vacuum Tube Support Bracket	1



TEMPLATE FOR FERTILIZER TANK MOUNTING

