

# John Deere 1260 and 1280 Planters



## **OPERATORS MANUAL** John Deere 1260 and 1280 Planters

OMB25580 L1 English

**OMB25580 L1**

LITHO IN U.S.A.  
ENGLISH





## To the Purchaser

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This new planter was carefully designed and manufactured to give years of dependable service. To keep it running efficiently, read the instructions in this operator's manual. Each section is clearly identified so you can easily find the information you need - whether it is operation, lubrication, or service. Read the Table of Contents to learn where each section is located. Use the alphabetical index for fast reference.

In addition to the equipment furnished with your planter, attachments are available to help you do a better job in special crop conditions. These are described in the special equipment section of this manual and can be purchased from your John Deere dealer.

"Right-hand" and "left-hand" sides are determined by facing in the direction the planter will travel when in use.

Record your planter serial numbers in the space provided on page 95. Your dealer needs this information to give you prompt, efficient service when you order parts or attachments. If your planter requires replacement parts, go to your John Deere dealer where you can obtain genuine John Deere parts—accept no substitutes.

The warranty on this planter appears on your copy of the purchase order which you should have received from your dealer when you purchased the planter.

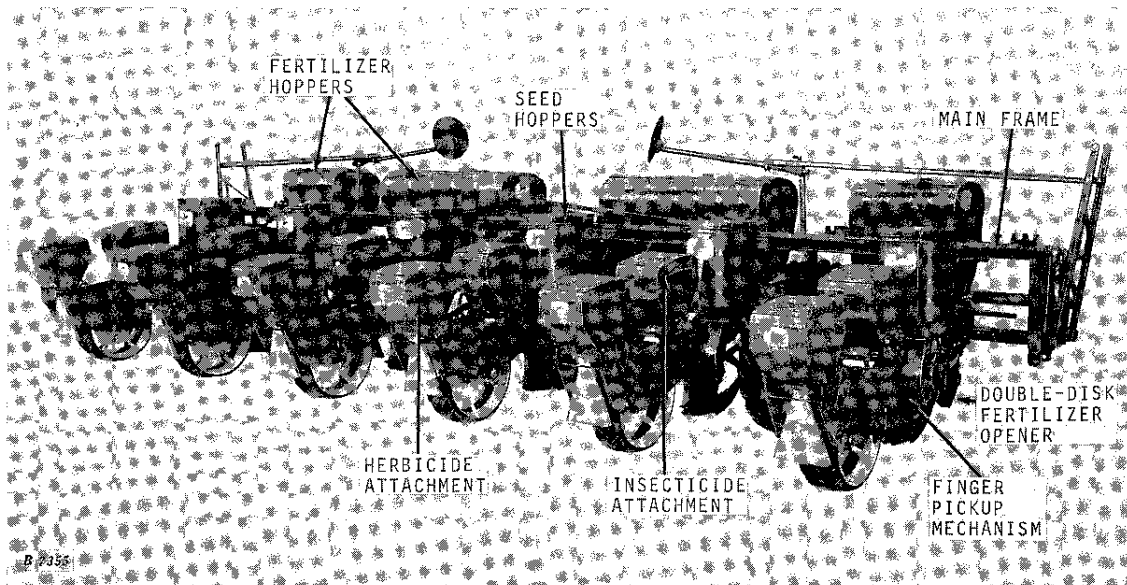


This safety alert symbol identifies important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.



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John Deere 1260 Planter with Plateless Units



# Operation

## PREPARING THE TRACTOR

The tractor must be equipped with an 8-inch stroke remote hydraulic cylinder that conforms to ASAE-SAE standards.

On tractors with an adjustable drawbar, place the drawbar approximately 15 inches from the ground and bolt it in the center of the tractor.

If possible, set the tractor rear wheels, center-to-center of tread an equal distance from center line of tractor, as follows:

Row Width	Tractor Rear Wheel Tread
30 Inches	60 Inches
36 Inches	72 Inches
38 Inches	76 Inches
40 Inches	80 Inches

If the tractor rear wheels cannot be set according to the chart, adjust them so the planter wheels run entirely out of the tractor wheel tracks.

## PREPARING THE PLANTER

### Lubrication

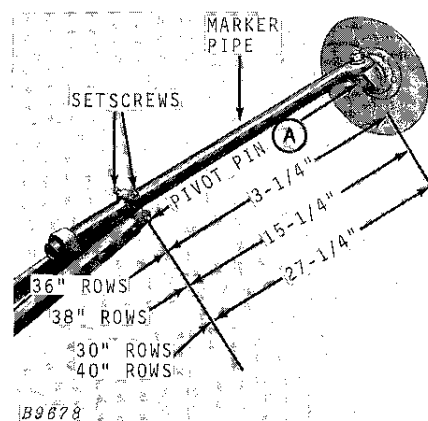
Consult the lubrication charts on pages 32, 33, and 34 for guidance in lubricating your planter.

Regular and systematic lubrication is the best assurance against breakdowns and delays. It will help you get better service from your corn planter and save on your maintenance costs.

### Tire Inflation

Inflate 7.50-18 traction-type tires to 24 psi of air pressure and 5.70/5.00-8 to 55 psi of air pressure.

### Markers



The markers on the planter are adjustable for 30-, 36-, 38-, or 40-inch row widths.

The marker illustrated is actually set for either 30- or 40-inch row widths. To change the markers for other row widths, loosen the two setscrews in each marker so the marker pipes will slide. The distance between the bottom edge of the disk and the pivot pin determines the marker setting. For 40-inch row widths the distance must be approximately 27-1/4 inches etc. Turn each marker pipe so bracket "A" is in position as illustrated. Tighten setscrews securely to hold markers in place.

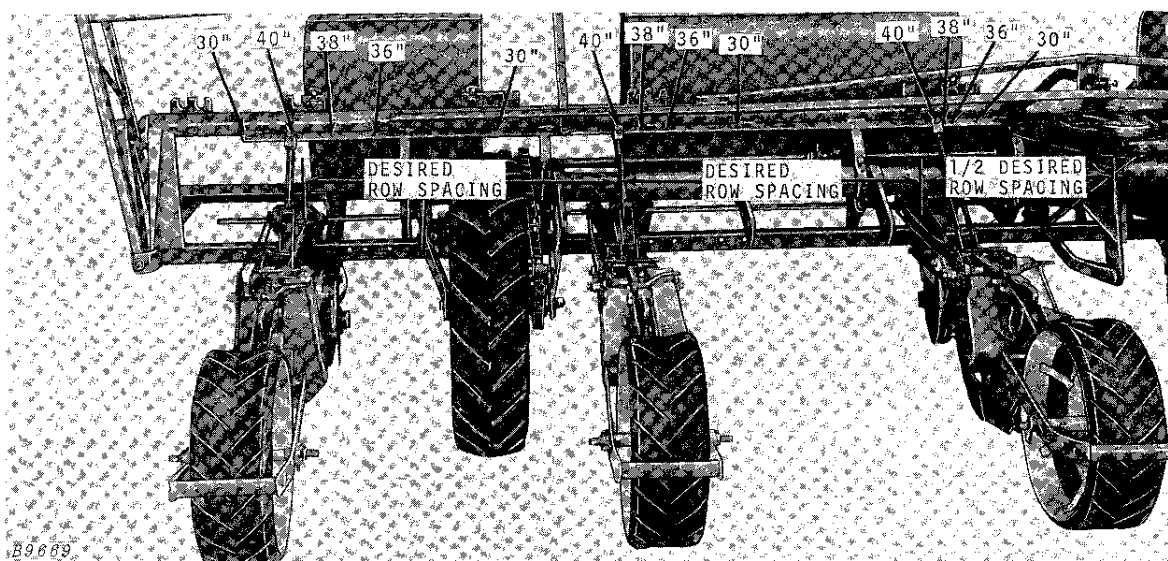
## Changing Row Widths

The 1260 Planter is available in 36-, 38-, and 40-inch row widths for plate and 38- and 40-inch row widths for plateless. The 1280 is available only in 30-inch row widths.

To change the row widths, proceed as follows: Lower the planter until the runners rest on the ground. Loosen the bolts in the sill bar brackets and detach the pressure rods from the main frame.

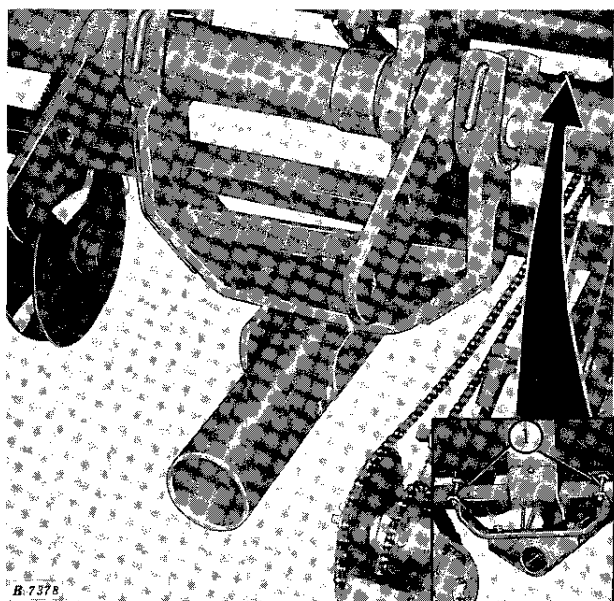
Select the desired row spacing and position the units as follows: Place each inside unit one-half the distance of the desired row width from the center of the planter frame to the center of the sill bar bracket. Center remaining units at desired row widths. Tighten all sill bar bracket bolts.

Attach pressure rods to planter frame in appropriate holes.



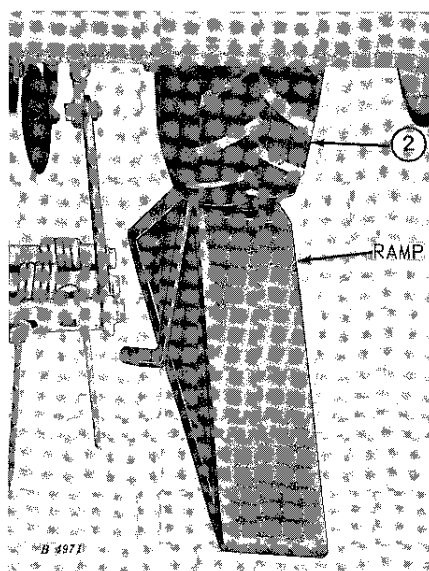
## TRANSPORTING

### With Transport Wheels and Hitch

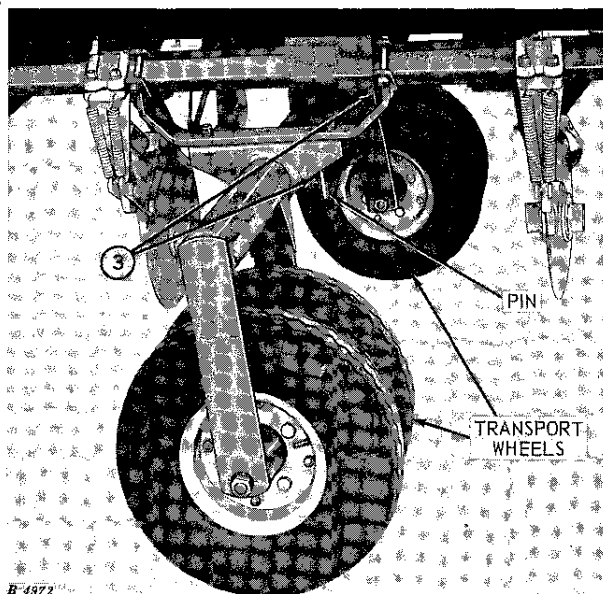


1. Install transport wheel bracket on the 1260 Planter wheel frame and fertilizer support as shown above.

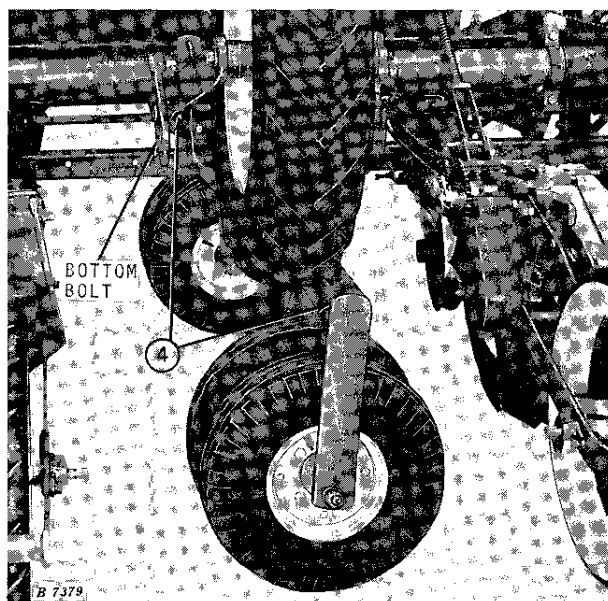
**NOTE:** Locate the transport wheel bracket between the fifth and sixth planting unit from the transport hitch on the 1280 Planter.



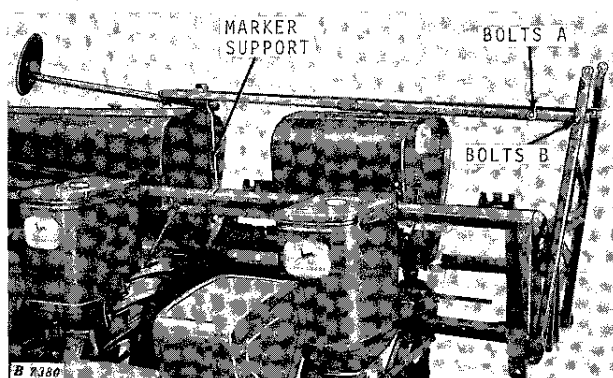
2. Raise the planter, place the ramp in front of the left-hand ground wheel and drive forward until the wheel is centered on top of the ramp.



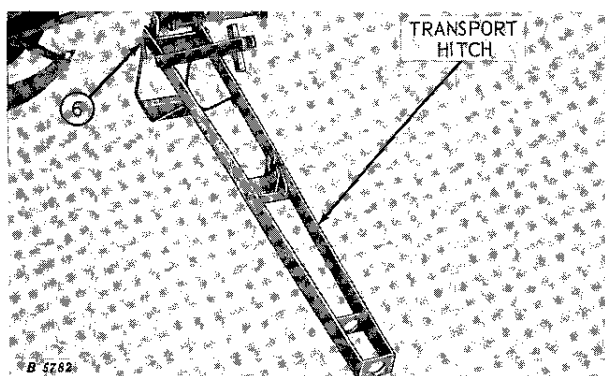
3. Insert the transport wheels in the transport bracket and secure the wheels in place with the pin and quik-lock pin.



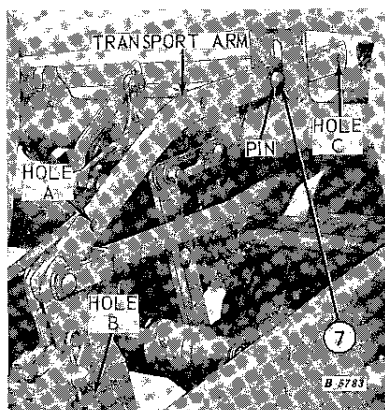
4. When attaching transport wheels to a 1260 Planter equipped with four carrying wheels, remove bottom bolt from each wheel frame of the third wheel from the transport hitch. Lift wheel up, insert transport wheels, and lower carrying wheel frame.



5. Remove bolts "A," loosen bolts "B" and fold markers over onto marker supports.



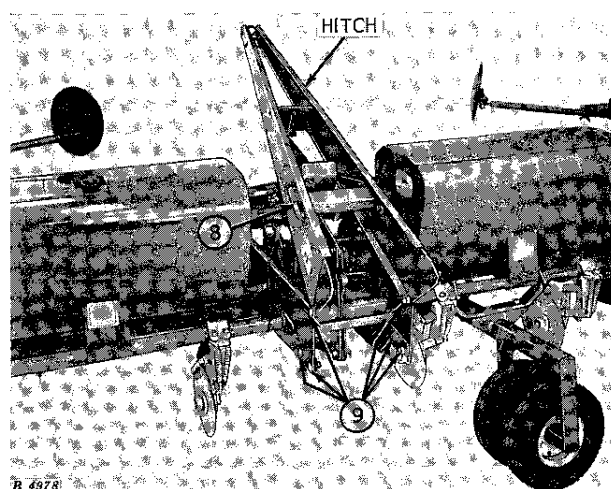
6. Attach the transport hitch to the right-hand end of the planter.



Move pin from hole "A" to hole "B," raise the planter ground wheels by retracting the remote hydraulic cylinder and remove the ramp.

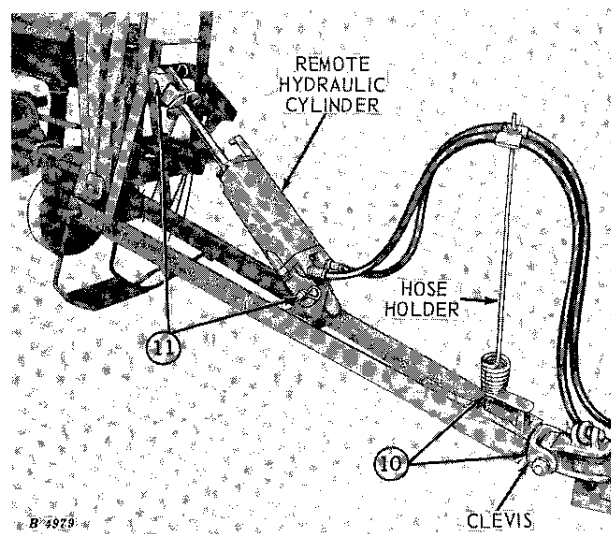
7. Remove the pin from hole "C" and install the pin in the center hole of the transport arm.

Remove the remote hydraulic cylinder and clevis pin and drive the tractor forward.



8. Loosen turnbuckle on truss rods so that both truss rods can be removed from the hitch panel and truss bars on the main frame.

9. Remove the four bottom bolts and loosen the two top bolts in the front hitch panels. Fold the front hitch panels back over the planter.



10. Remove the hose holder and telescoping hitch clevis from the planter and install them in the transport hitch.

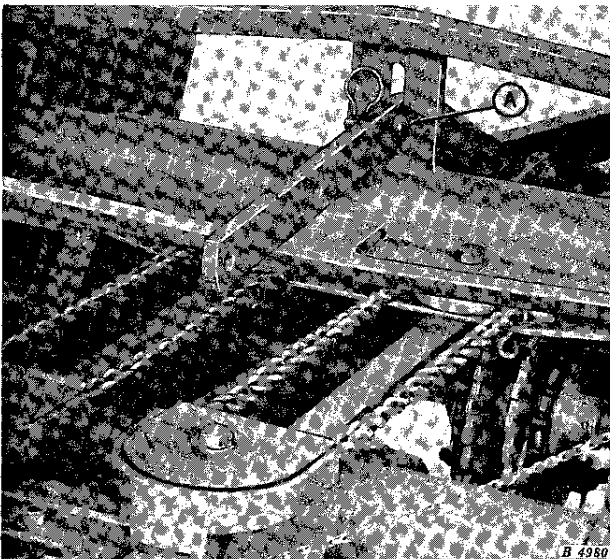
11. Attach the tractor and remote hydraulic cylinder to the transport hitch.

Raise the planter to transport position with the remote hydraulic cylinder.

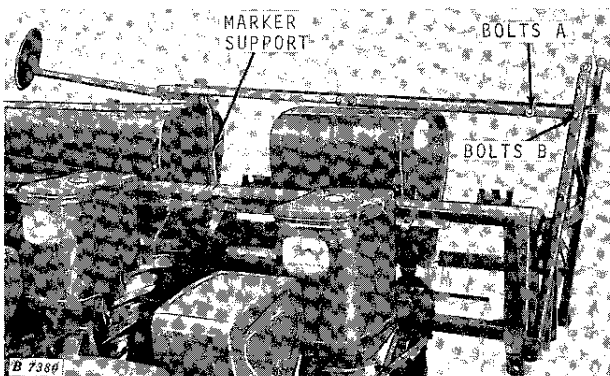


**CAUTION:** When taken out of transport, be sure to move pin back from hole "B" to hole "A."

## Transporting Planter Without Transport Wheels and Hitch

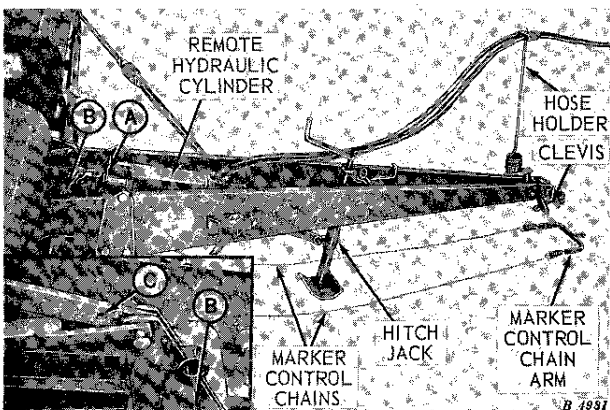


Extend the remote hydraulic cylinder and insert the pin in hole "A" as shown.



Remove bolts "A," loosen bolts "B," and fold the markers over onto the marker support.

## HITCHING PLANTER TO TRACTOR

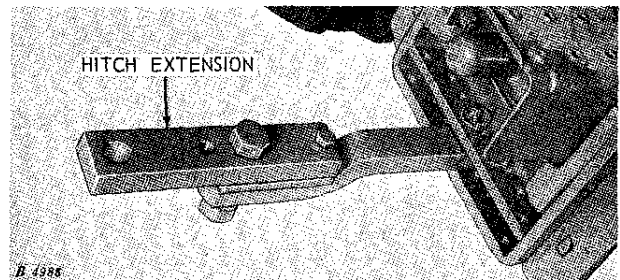


Put the planter hitch down into position and tighten the bolts.

Replace the truss rods.

Remove the hose holder and clevis from the transport hitch and install the clevis and hose holder in the planter hitch.

Connect the planter hitch to the tractor drawbar.

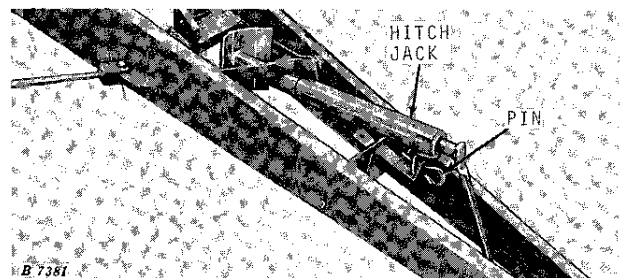


If a hitch extension is used, connect the planter hitch to the hitch extension shown above. Various drawbar heights may be obtained by using the hitch extension in different combinations with the drawbar. The hitch extension may be used as shown, turned over, under the drawbar in position shown, turned over under the drawbar, or any of the above combinations with the tractor drawbar turned over.

Install the remote hydraulic cylinder. Place the hydraulic hoses in the hose holder.

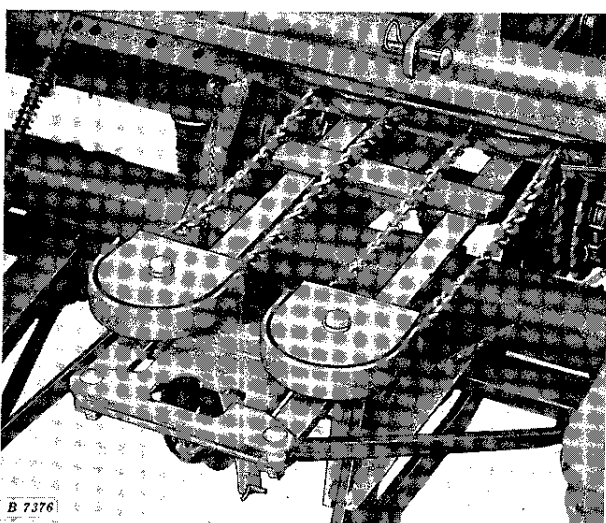
With the cylinder retracted, remove pin "B" and place in hole "C."

Extend the remote hydraulic cylinder and set stop "A" so the cylinder will retract all the way. This will permit the planter press wheel to always gauge the planting depth.

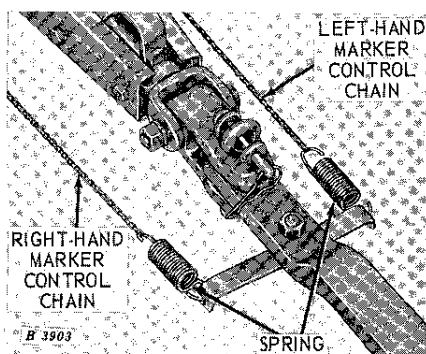


Fold up the hitch jack and pin it to the transport bracket.





With the remote hydraulic cylinder extended, place the pin as illustrated.



Bolt the marker control chain arm to the tractor drawbar or hitch extensions. Tighten the bolt securely as marker control chain must be held rigidly to the tractor drawbar.

### Marker Lift Chains



With the hydraulic cylinder extended to maximum length, pull the marker lift chains tight at each end of

planter and adjust each end of chain and marker as follows:

Remove drilled pin "A." Pull the chain tight enough to hold the markers snug against marker assist lever. Slide chain into slot and replace drilled pin "A" and hold in place with cotter pin.

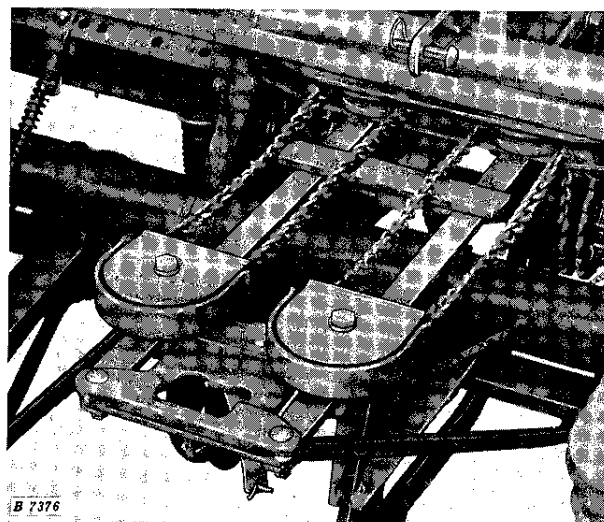
### MARKERS

The position of the marker control will determine which marker will drop when the planter is lowered.



**CAUTION:** Fold the markers over onto the marker support when moving the planter.

*NOTE: When markers are held up, chains will be slack. When raising planter, be very careful that slack chain does not catch and break.*



When the marker control points to the right-hand side of the planter, as illustrated, the right-hand marker will drop.

The marker control will stay in this position, and the right-hand marker will raise and drop when planter is raised and lowered until the tractor is turned sharply to the right. Then the left-hand marker control chain will tighten and point the marker control toward the left-hand side of the planter and the left-hand marker will drop when planter is lowered.

The marker that is down will automatically raise when the planter is raised.

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