

# Quik-Thatch Planter Frame



JOHN DEERE

## OPERATORS MANUAL

Quik-Thatch  
Planter Frame

OMB301056 J6 English

**OMB301056 J6**

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ENGLISH



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## TO THE PURCHASER

Your new John Deere Quik-Tatch Planter Frame is sturdy and dependable. It will give long and efficient service if given proper care and operation.

This Operator's Manual is provided to furnish information on the proper operation and adjustment of your new Quik-Tatch Planter Frame. A parts list, with illustrations, is provided.

When in need of parts, see your John Deere dealer. He will furnish genuine John Deere Parts and prompt and efficient service in the field or shop.

Right-hand and left-hand reference is determined by standing at the rear of the Quik-Tatch Planter Frame and facing the direction of travel.

*(Specifications and design subject to change without notice.)*



Study this manual carefully. Keep it handy, in a safe place for future reference.

**JOHN DEERE QUIK-TATCH  
PLANTER FRAME**

Date Purchased .....

## TABLE OF CONTENTS

|                                                              | <i>Page</i> |                      | <i>Page</i> |
|--------------------------------------------------------------|-------------|----------------------|-------------|
| IDENTIFICATION VIEWS                                         | 2           | Row Widths.....      | 4           |
| OPERATION.....                                               | 3-4         | Cross Arm Clamp..... | 4           |
| Attaching Quik-Tatch<br>Planter Frame to Tractor             | 3           | Marker Bracket.....  | 4           |
| Detaching Quik-Tatch<br>Planter Frame from Trac-<br>tor..... | 3           | ASSEMBLY.....        | 5-8         |
|                                                              |             | PARTS LIST.....      | 9-16        |

## DESCRIPTION

The John Deere Quik-Tatch Planter Frame is designed to make it easy to change from planting to cultivating or vice versa. It can be used on the "520," "620," "720," "50," "60," and "70" Series Tractors and on Model "A" Tractors, Serial No. 477,000 and up and on Model "G" Tractors, Serial No. G13,000 and up.

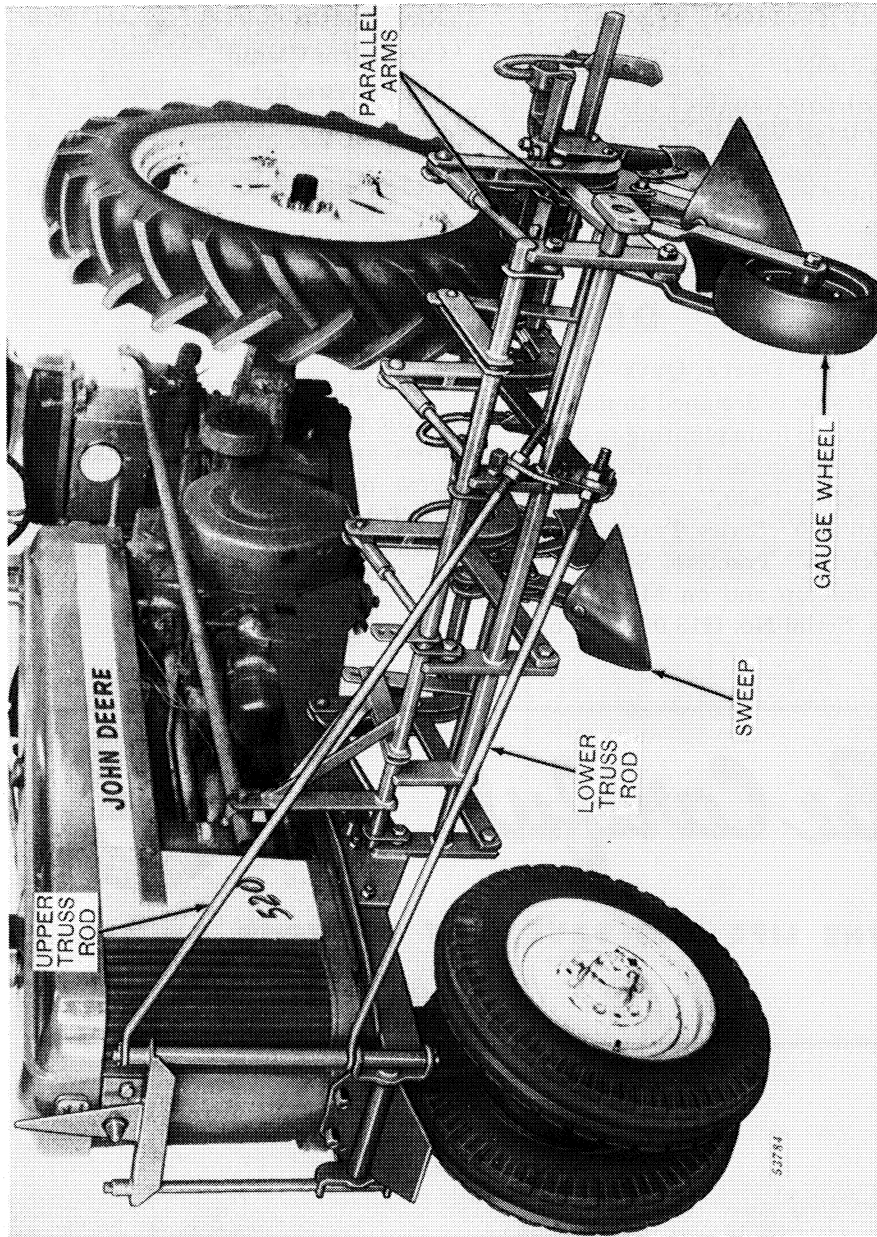
The Quik-Tatch Planter Frames take the place of the front cultivator frames and rigs to which planting furrow openers are attached. The Quik-Tatch Planter Frames are attached and detached, the same as the Quik-Tatch Cultivators.

*Be Careful*



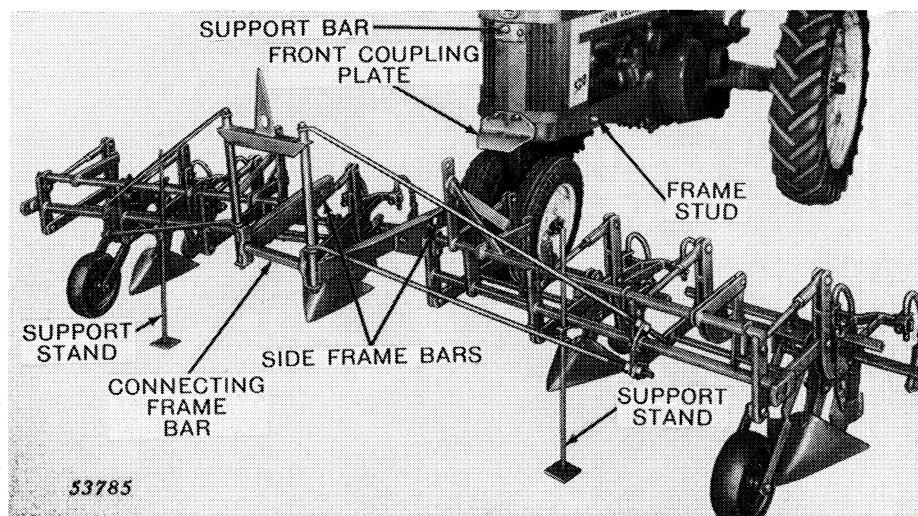
**THE LIFE YOU SAVE MAY BE YOUR OWN...**

**NATIONAL SAFETY COUNCIL**



*Four-Row Quik-Tatch Planter Frame Mounted on a "520" Series Tractor*

## OPERATION



### ATTACHING QUIK-TATCH PLANTER FRAME TO TRACTOR

The frame studs, support bar, and front coupling plate must be installed on tractor before attaching Quik-Tatch Planter Frame.

Drive tractor forward until front coupling plate on tractor engages connecting frame bar on Quik-Tatch Planter Frame. Ease tractor forward slowly so side frame bars swing into place on frame studs and the side frame bars can be bolted to side of tractor.

Attach lift pipes, or front rockshaft lift rods and arms, so Quik-Tatch Planter Frame can be raised and lowered with rockshaft control lever or remote cylinder control lever on tractor.

Remove the support stands from the Quik-Tatch Planter Frame.

The planting attachment can now be installed and operated as instructed in the Operator's Manual furnished with the planting attachment.

### DETACHING QUIK-TATCH PLANTER FRAME FROM TRACTOR

Lower the Quik-Tatch Planter Frame on level ground.

Remove the clutch throw-out and spouts from the planting attachment. If fertilizer attachment is used, remove fertilizer hoppers and support bars.

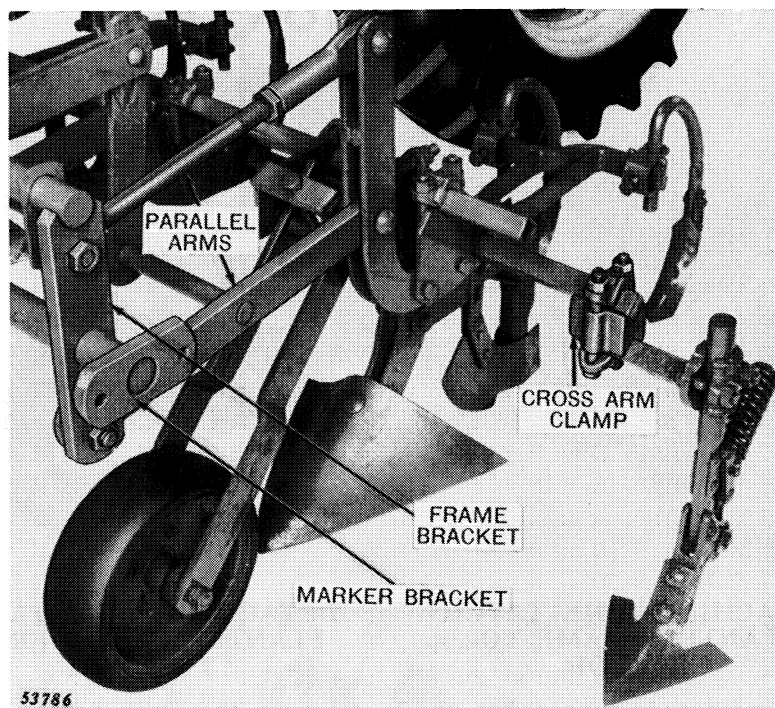
Remove the lift pipes or the front rockshaft lift rods and arms.

Remove bolt holding side frame bars to side of tractor.

Place the support stands in position, at an angle, on each side of main frame and pull frames away from the tractor.

Back the tractor away from the Quik-Tatch Planter Frame.

The frame studs, support bar, and front coupling plate can be left on the tractor.



### ROW WIDTHS

The parallel arms must be bolted to the inside of the frame brackets, as illustrated, for all row widths except 42 inches.

For 42-inch row widths, install the parallel arms, on each outer unit, to the outside of the frame bracket.



**CAUTION: Do not clean, lubricate, or adjust your machine while it is in motion.**

### CROSS ARM CLAMP

Cross arm clamps are available so cultivator shanks and cross arms can be installed to make water furrows outside the outer rows when planting.

### MARKER BRACKET

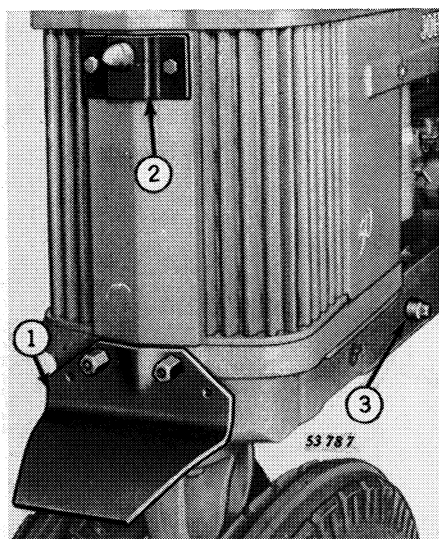
Markers can be attached to the marker brackets on outer ends of main frames.

## ASSEMBLY

### SHIPPING BUNDLES

| Bdle. No. | Description                                                   | Bdle. No. | Description                                                                                                    |
|-----------|---------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------|
| 3530 B    | Main Planter Frame (Right)                                    | 3472 B    | Gauge Wheels, Depth Chains, Spread Bars, and Spread Bar Ties (For No. 412B when Equipped with "A" Type Sweeps) |
| 3531 B    | Main Planter Frame (Left)                                     | 3962 B    | Depth Gauge Wheel Assembly No. 418B                                                                            |
| 3543 B    | Quik-Tatch Frame for "520" and "50" Tractors                  | CA 3311 N | Rubber Tire Gauge Wheel, No. 418B (2 used)                                                                     |
| 3510 B    | Quik-Tatch Frame for "620," "720," "60," and "70" Tractors    | 4240 B    | Depth Gauge Wheel Adjusting Bundle, No. 418B                                                                   |
| 3471 B    | Quik-Tatch Frame for "A" Tractors, Serial No. 477,000 and Up  | 4438 B    | Front Rockshaft Lift Rod and Arm Assembly                                                                      |
| 3473 B    | Quik-Tatch Frame for "G" Tractors, Serial No. G-13,000 and Up | 3541 B    | Water Furrow Cross Arm Clamp                                                                                   |
| 3474 B    | Adapter Plate, "720," "70," and "G" Tractors                  |           |                                                                                                                |

### FRONT COUPLING PLATE, SUPPORT BAR, AND SIDE STUDS

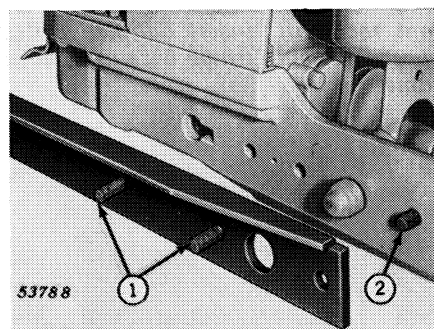


1. Attach the front coupling plate.
2. Attach the support bar.
3. Install one frame stud on each side of tractor.

*NOTE: The front coupling plate, support bar, and frame studs are used*

*with the John Deere Quik-Tatch Cultivators and are not furnished as regular equipment with the Quik-Tatch Planter Frame.*

### SIDE FRAME BARS

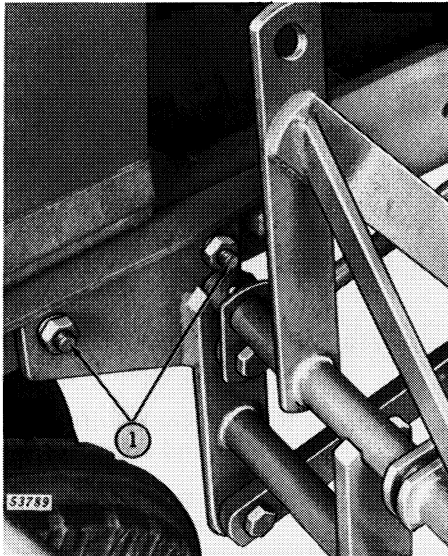


1. Insert two plow bolts in each side frame bar.

*NOTE: If the Quik-Tatch Planter Frame is being installed on a "720," "70," or "G" Series Tractor or on a "520" or "620" Series Tractor equipped with front rockshaft, use the two longer plow bolts shipped with the adapter plate.*

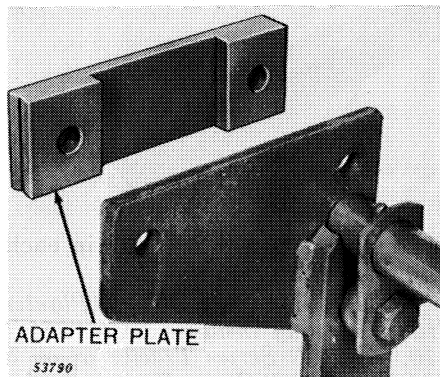
2. Position each side frame bar over the frame studs and bolt to side of tractor. Tighten the bolts securely.

## MAIN FRAME



1. Bolt the Quik-Tatch Planter main frames to side frame bars.

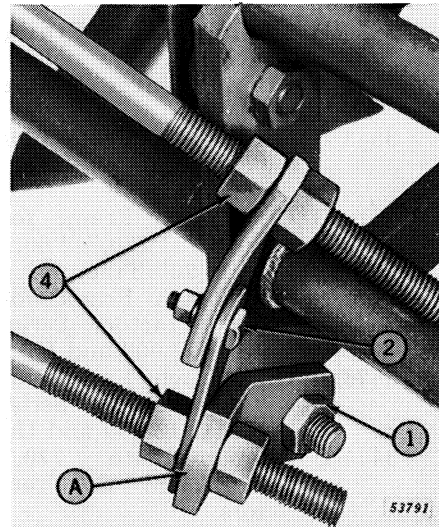
*NOTE: If the Quik-Tatch Planter Frame is being installed on a "720," "70," or "G" Series Tractor or on a "520" or "620" Series Tractor with front rockshaft, insert adapter plates between the side frame bars and main frame.*



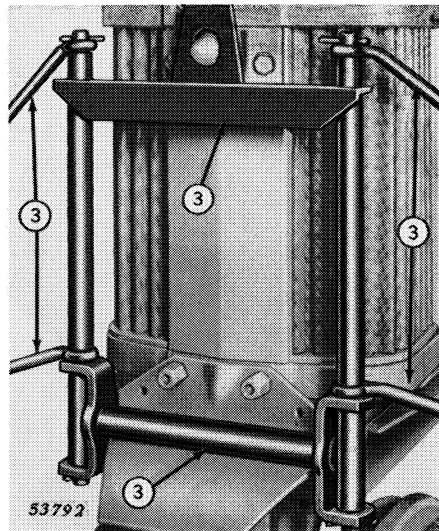
## TRUSS RODS

1. Bolt truss rod brackets to main frames.
2. Bolt truss rod guides to main frames. Use bushings furnished. Align

holes in brackets and guides at "A" and tighten bolts securely.



3. Install connecting frame bar, lower truss rods, pipes, truss rod support, and upper truss rods.

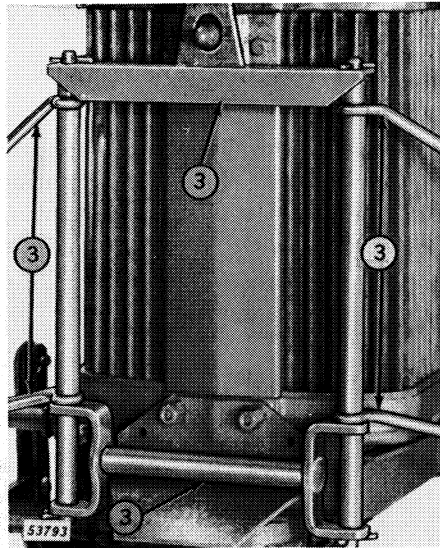


**Truss Rod Support for "520" and "50" Series Tractors**

*NOTE: Upper truss rods are placed on top of truss rod support for "520" and "50" Series Tractors. The truss rod support is placed on top of*



the upper truss rods for "620," "720," "60," "70," "A," and "G" Series Tractors.



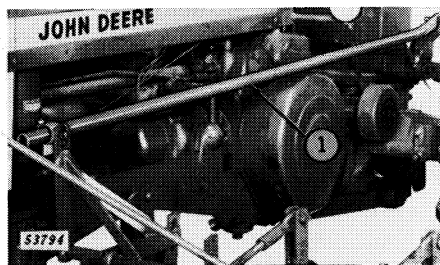
**Truss Rod Support for "620," "720," "60," "70," "A," and "G" Series Tractors**

4. Insert threaded ends of truss rods through holes "A" in brackets and guides on main frames.

Adjust and tighten nuts on truss rods so main frames are level.

### LIFT PIPES

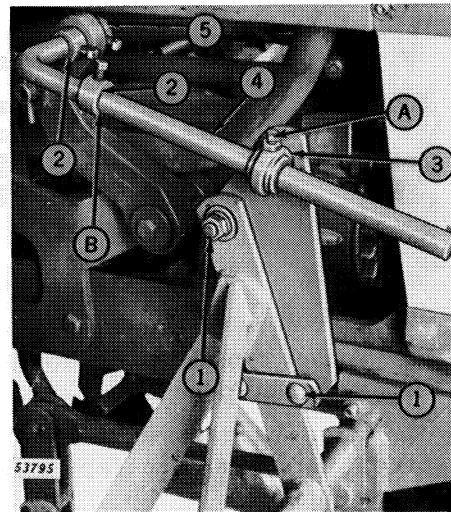
*NOTE: Used only when Quik-Tatch Planter Frame is to be lifted by rear rockshaft.*



1. Attach lift rods to main frame and tractor rockshaft.

### FRONT ROCKSHAFT LIFT RODS AND ARMS

*NOTE: Used only when Quik-Tatch Planter Frame is to be lifted by front rockshaft.*



1. Attach lift arms to main frames.

2. Install two collars on each lift rod.

3. Insert lift pins in lift arms.

4. Place long end of lift rods through holes in lift pins and short end of lift rods through holes in tractor rockshaft arms.

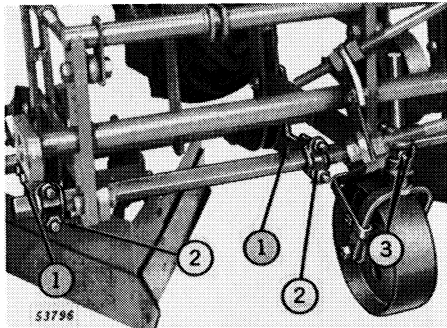
*NOTE: Lift rods must not extend more than 1-3/4 inches through rockshaft arms.*

5. Install collars and tighten all set screws to hold lift rods in position.

If the depth of the unit is to be controlled by the tractor hydraulic system, tighten the set screw "A" in the lift pin. If gauge wheels are used to control the depth, the unit can be made to "float" by loosening the set screw "A" in the lift pin and tightening collar "B" in a position which gives desired lifting height.

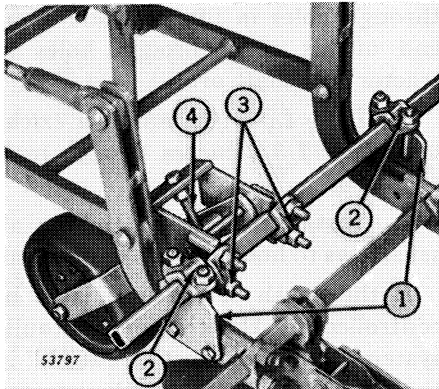
### GAUGE WHEELS

**For Quik-Tatch Planter Frame to be equipped with a No. 412B Planting Attachment with "A" Type Sweeps.**



1. Attach spread bar ties to the outside of main frame arms.
2. Remove caps and install spread bars. Replace caps and tighten nuts.
3. Install gauge wheels on spread bars and adjust for height of bed desired.

**For Quik-Tatch Planter Frame to be equipped with a No. 418B Planting Attachment.**



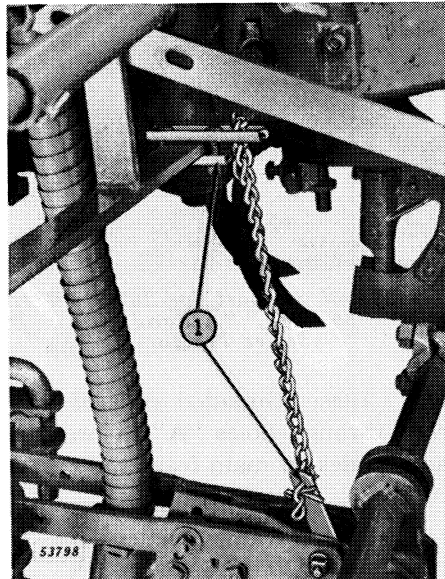
1. Bolt spread bar brackets on main frames.
2. Remove caps and install spread bars. Replace caps and tighten nuts.

3. Install gauge wheels on spread bars.

4. Adjust gauge wheels for desired height of beds.

### DEPTH CONTROL CHAIN

The depth control chain is required when using the Quik-Tatch Planter Frame with a No. 418B Planting Attachment or a No. 412B Planting Attachment with "A" Type Sweeps.



1. Install the depth control chain on each inside opener unit and hopper support.

For proper installation of the rest of the planting attachment and for operating instructions, consult the Operator's Manual furnished with the planting attachment.

## PARTS LIST

It is important for identification purposes to remember that your machine is a "John Deere Four-Row Quik-Tatch Planter Frame."

**Exploded Views.** From the exploded views of parts in the pages which follow, it is easy to find any part or part number.

The exploded views also show the order of assembly of parts. If it is necessary to disassemble a unit for replacement of parts, be sure parts are assembled properly for satisfactory performance.

**Key Number.** Each part has been given a key number which is used only as a guide to find the part number. Do not use the key number when ordering parts.

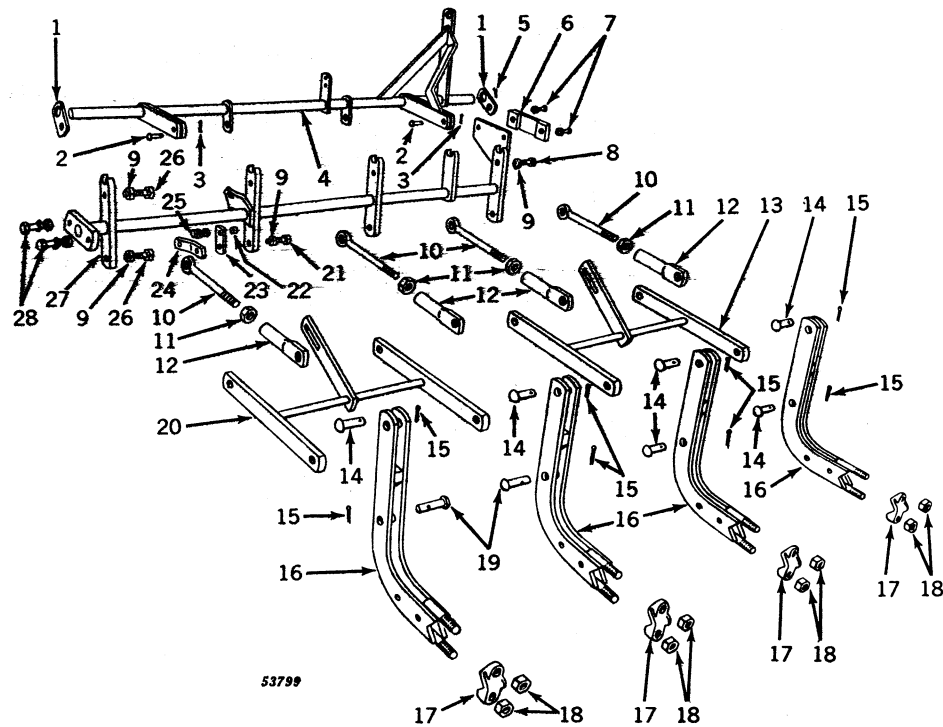
When purchasing parts from your John Deere dealer, give the following information:

- (a) Give name of your machine.
- (b) Give part number and quantity wanted.

## INDEX TO PARTS LIST

|                                                                                                       | <i>Page</i> |
|-------------------------------------------------------------------------------------------------------|-------------|
| Depth Gauge Lift Chain.....                                                                           | 16          |
| Depth Gauge Wheel and Tie for No. 412B.....                                                           | 13          |
| Depth Gauge Wheel and Tie for No. 418B.....                                                           | 14          |
| Depth Gauge Wheel Support for No. 418B.....                                                           | 15          |
| Extension Fertilizer Brace.....                                                                       | 13          |
| Front Rockshaft Lift Rod and Arms for "520," "620," and "720" Series Tractors.....                    | 15          |
| Quik-Tatch Assembly and Truss Rods for "A" and "G" Tractors.....                                      | 12          |
| Quik-Tatch Assembly and Truss Rods for "520," "620," "720," "50," "60," and "70" Series Tractors..... | 11          |
| Quik-Tatch Planter Frame.....                                                                         | 10          |
| Water Furrow Shank Cross Arm Clamp.....                                                               | 16          |

## QUIK-TATCH PLANTER FRAME



## Key Part No.

|    |       |        |
|----|-------|--------|
| 1  | P     | 1923 B |
| 2  | P     | 2048 B |
| 3  | 11H   | 80 R   |
| 4  | (AP   | 856 B  |
|    | (AP   | 855 B  |
| 5  | 11H   | 115 B  |
| 6  | AP    | 862 B  |
| 7  | ..... |        |
| 8  | P     | 1943 B |
| 9  | 14H   | 481 R  |
| 10 | P     | 2402 B |
| 11 | 14H   | 357 A  |
| 12 | P     | 2403 B |
| 13 | AP    | 857 B  |

L.H.  
R.H.  
"720," "70" and  
"G" Tractors  
Bolt, Plow, No. 3,  
5/8" x 3", with  
Heavy Hex. Nut,  
"720," "70," and  
"G" Tractors

## Key Part No.

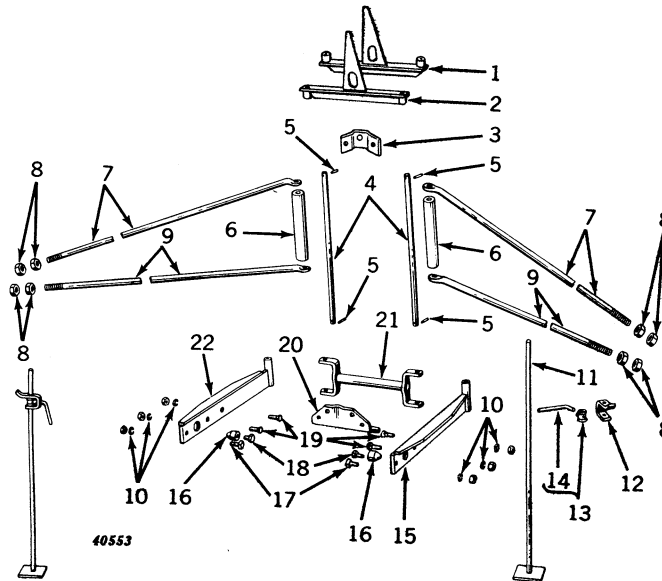
|    |      |        |
|----|------|--------|
| 14 | KK   | 4784 B |
| 15 | 11H  | 82 R   |
| 16 | AP   | 859 B  |
| 17 | P    | 1950 B |
| 18 | 14H  | 112 A  |
| 19 | P    | 1947 B |
| 20 | AP   | 858 B  |
| 21 | P    | 2813 B |
| 22 | H    | 1814 B |
| 23 | P    | 2789 B |
| 24 | P    | 2790 B |
| 25 | (7H  | 345 H  |
|    | (12H | 11 R   |
|    | (24H | 376 A  |
| 26 | P    | 2045 B |
| 27 | (AP  | 921 B  |
|    | (AP  | 920 B  |
| 28 | (7H  | 821 N  |
|    | (12H | 13 R   |

Bolt  
Washer, Lock  
Washer, Plain

L.H.  
R.H.  
Bolt  
Washer

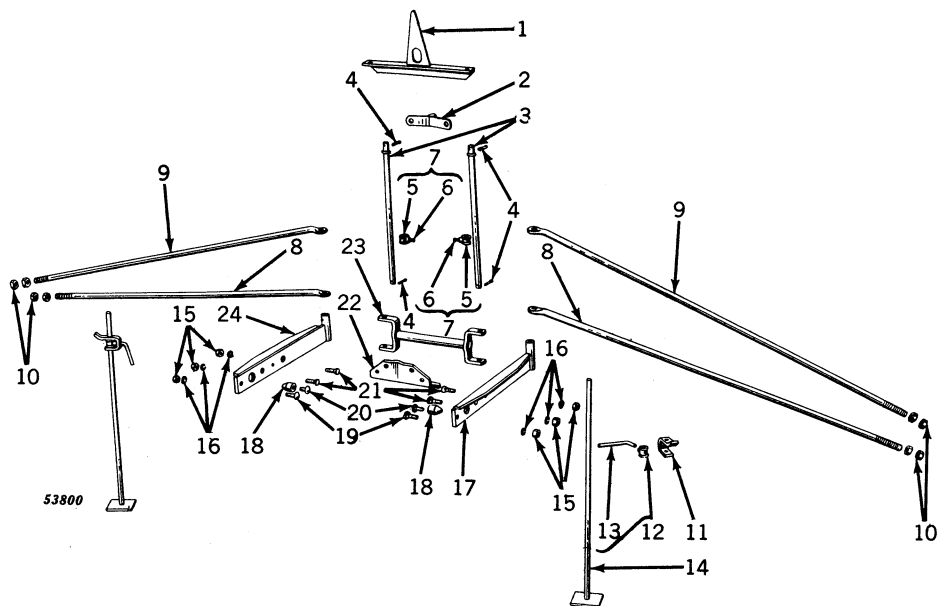
**QUIK-TATCH ASSEMBLY AND TRUSS RODS FOR  
"520," "620," "720," "50," "60," AND "70" SERIES TRACTORS**

**11**



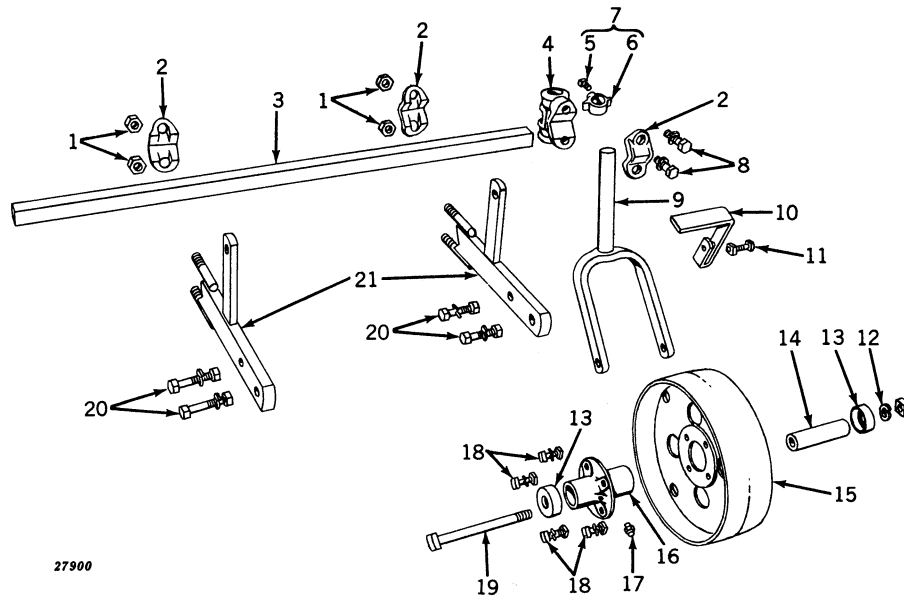
| Key | Part No.   |                                       | Key | Part No.   |                                       |
|-----|------------|---------------------------------------|-----|------------|---------------------------------------|
| 1   | CA 3137 AN | "520" and "50" Tractors               | 10  | 12H 15 R   |                                       |
| 2   | CA 3105 N  | "620," "720," "60," and "70" Tractors | 11  | CA 2041 AN |                                       |
| 3   | CA 3103 N  |                                       | 12  | 29556 AN   |                                       |
| 4   | C 1082 N   | "620," "720," "60," and "70" Tractors | 13  | CA 28 AN   |                                       |
|     | C 1151 N   | "520" and "50" Tractors               | 14  | 29558 AN   |                                       |
| 5   | 11H 135 B  |                                       | 15  | AP 894 B   | R.H.                                  |
| 6   | C 1083 N   | "620," "720," "60," and "70" Tractors | 16  | 29563 AN   |                                       |
|     | C 1152 N   | "520" and "50" Tractors               | 17  | 8H 948 A   |                                       |
| 7   | P 1938 B   |                                       | 18  | 8H 915 B   |                                       |
| 8   | 14H 112 A  |                                       | 19  | 9H 1514 N  |                                       |
| 9   | P 1939 B   |                                       | 20  | 29813 AN   |                                       |
|     |            |                                       | 21  | CA 2038 AN | "620," "720," "60," and "70" Tractors |
|     |            |                                       |     | CA 2042 AN | "520" and "50" Tractors               |
|     |            |                                       | 22  | AP 895 B   | L.H.                                  |

# QUIK-TATCH ASSEMBLY AND TRUSS RODS FOR "A" AND "G" TRACTORS



| Key | Part No.   |              |
|-----|------------|--------------|
| 1   | CA 2049 AN |              |
| 2   | CA 2050 AN |              |
| 3   | 29571 AN   |              |
| 4   | 11H 135 B  |              |
| 5   | E 882 AN   | Order CA49AN |
| 6   | 22H 152 B  |              |
| 7   | CA 49 AN   |              |
| 8   | P 1939 B   |              |
| 9   | P 1938 B   |              |
| 10  | 14H 112 A  |              |
| 11  | 29556 AN   |              |
| 12  | CA 28 AN   |              |
| 13  | 29558 AN   |              |
| 14  | CA 2041 AN |              |
| 15  | 14H 264 R  |              |

| Key | Part No.   |                   |
|-----|------------|-------------------|
| 16  | 12H 15 R   |                   |
| 17  | CA 2039 AN | R.H., "A" Tractor |
|     | CA 2047 AN | R.H., "G" Tractor |
| 18  | 29557 AN   | "A" Tractor       |
|     | 29563 AN   | "G" Tractor       |
| 19  | 3H 685 A   | "A" Tractor       |
|     | 8H 2580 N  | "G" Tractor       |
| 20  | 3H 1043 N  | "A" Tractor       |
|     | 3H 666 H   | "G" Tractor       |
| 21  | 9H 1514 N  |                   |
| 22  | 29813 AN   |                   |
| 23  | CA 2038 AN |                   |
| 24  | CA 2040 AN | L.H., "A" Tractor |
|     | CA 2048 AN | L.H., "G" Tractor |

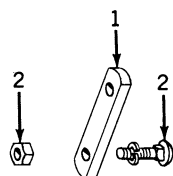


27900

| Key | Part No.                |                      |
|-----|-------------------------|----------------------|
| 1   | 14H 263 R               |                      |
| 2   | F 580 AN                |                      |
| 3   | P 1933 B                |                      |
| 4   | P 1949 B                |                      |
| 5   | 22H 109 D               |                      |
| 6   | F 649 AN                | Order CA65AN         |
| 7   | CA 65 AN                |                      |
| 8   | (19H 676 R<br>12H 15 R) | Screw, Cap<br>Washer |
| 9   | AP 864 B                |                      |
| 10  | 20794 AN                |                      |
| 11  | 7H 1160 N               |                      |

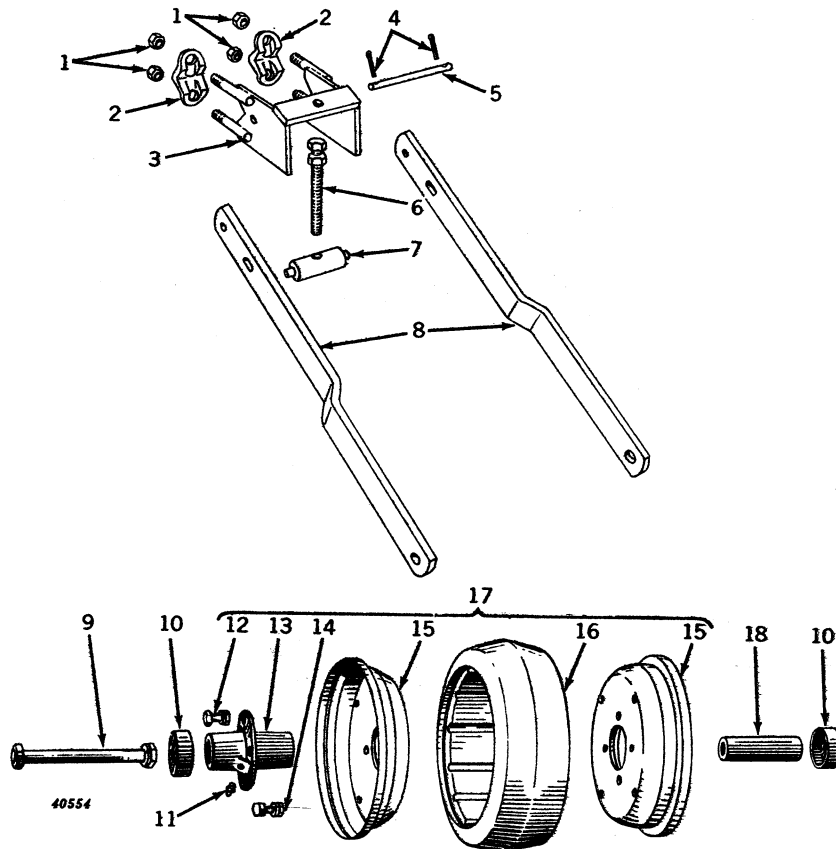
| Key | Part No.                |                |
|-----|-------------------------|----------------|
| 12  | 12H 15 R                |                |
| 13  | E 989 AN                |                |
| 14  | E 803 AN                |                |
| 15  | E 938 AN                |                |
| 16  | E 939 AN                |                |
| 17  | JD 7759                 |                |
| 18  | (7H 1026 H<br>12H 11 R) | Bolt<br>Washer |
| 19  | 8H 2600 N               |                |
| 20  | (7H 785 R<br>12H 13 R)  | Bolt<br>Washer |
| 21  | AP 860 B                |                |

### EXTENSION FERTILIZER BRACE



17934

| Key | Part No.               |                |
|-----|------------------------|----------------|
| 1   | P 1737 B               |                |
| 2   | (2H 482 H<br>12H 12 R) | Bolt<br>Washer |



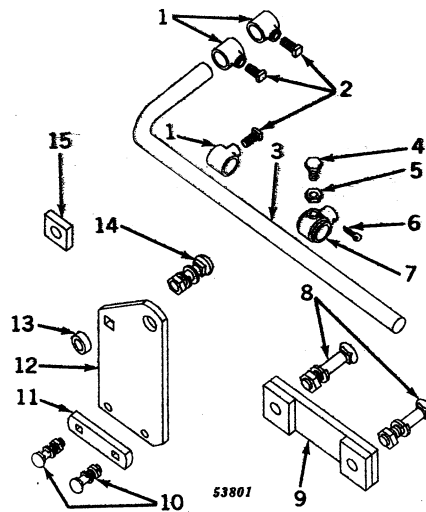
| Key | Part No.                |                |
|-----|-------------------------|----------------|
| 1   | 14H 263 R               |                |
| 2   | F 580 AN                |                |
| 3   | AP 1142 B               |                |
| 4   | 11H 41 R                |                |
| 5   | P 2399 B                |                |
| 6   | 8H 3735 B               |                |
| 7   | P 2398 B                |                |
| 8   | P 2397 B                |                |
| 9   | (8H 2600 N<br>12H 15 R) | Bolt<br>Washer |
| 10  | E 989 AN                |                |

| Key | Part No.                             |                             |
|-----|--------------------------------------|-----------------------------|
| 11  | JD 7759                              |                             |
| 12  | (7H 174 H<br>12H 10 R)               | Bolt<br>Washer              |
| 13  | C 2 N                                |                             |
| 14  | (19H 100 T<br>14H 253 R<br>12H 10 R) | Screw, Cap<br>Nut<br>Washer |
| 15  | C 1094 N                             |                             |
| 16  | C 1093 N                             |                             |
| 17  | CA 3311 N                            |                             |
| 18  | E 803 AN                             |                             |



**FRONT ROCKSHAFT LIFT ROD AND ARMS FOR  
"520," "620," AND "720" SERIES TRACTORS**

**15**



**Key Part No.**

|   |     |        |
|---|-----|--------|
| 1 | E   | 185 A  |
| 2 | 22H | 109 D  |
| 3 | P   | 2885 B |
| 4 | 22H | 111 B  |
| 5 | 14H | 344 R  |
| 6 | 11H | 84 R   |
| 7 | P   | 2886 B |
| 8 |     |        |
| 9 | AP  | 862 B  |

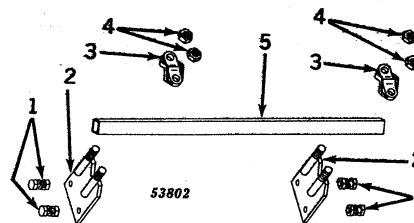
Bolt, Plow, No. 3,  
5/8" x 3", with  
Heavy Hex. Nut

**Key Part No.**

|    |     |        |
|----|-----|--------|
| 10 | (2H | 500 H  |
|    | 12H | 12 R   |
| 11 | P   | 2876 B |
| 12 | P   | 2877 B |
| 13 | KK  | 5439 B |
| 14 | (3H | 676 H  |
|    | 12H | 15 R   |
|    | 24H | 489 A  |
| 15 | P   | 2883 B |

Bolt  
Washer  
Bolt  
Washer, Lock  
Washer, Plain  
For Tractors with  
Single Control  
Front Rockshaft

**DEPTH GAUGE WHEEL SUPPORT  
FOR No. 418B**

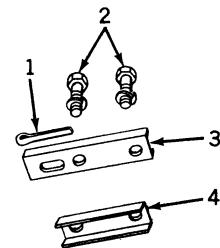


**Key Part No.**

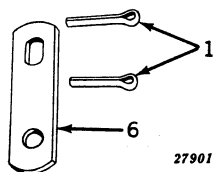
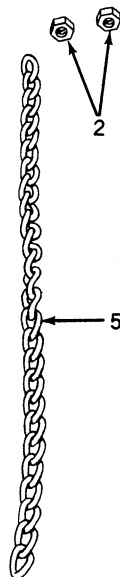
|   |     |        |        |
|---|-----|--------|--------|
| 1 | (7H | 733 H  | Bolt   |
|   | 12H | 13 R   | Washer |
| 2 | AP  | 1192 B |        |

**Key Part No.**

|   |     |        |
|---|-----|--------|
| 3 | F   | 580 AN |
| 4 | 14H | 263 R  |
| 5 | P   | 1951 B |

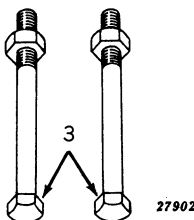
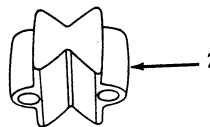


| Key | Part No. |        |                |
|-----|----------|--------|----------------|
| 1   | 11H      | 113 R  |                |
| 2   | 7H       | 602 C  | Bolt<br>Washer |
|     | 12H      | 12 R   |                |
| 3   | P        | 1935 B |                |
| 4   | P        | 1936 B |                |
| 5   | P        | 1944 B |                |
| 6   | P        | 1937 B |                |



27901

### WATER FURROW SHANK CROSS ARM CLAMP



27902

| Key | Part No. |        |
|-----|----------|--------|
| 1   | F        | 580 AN |
| 2   | P        | 2078 B |
| 3   | 8H       | 2548 N |



## **Farm Accidents Can Be Prevented** *with Your Help*

**N**O accident prevention program can be successful without the whole-hearted cooperation of the person who is directly responsible for the operation of equipment.

To read accident reports from all over the Country is to be convinced that a large number of accidents can be prevented only by the operator anticipating the result before the accident is caused and doing something about it. No power-driven equipment, whether it be transportation or processing, whether it be on the highway, in the harvest field, or in the industrial plant, can be safer than the man who is at the controls. If farm accidents are to be prevented—and they can be prevented—it will be done by the operators who accept a full measure of their responsibility.

It is true that the designer, the manufacturer, the safety engineer can help; and they will help, but their combined efforts can be wiped out by a single careless act of the operator.

It is said that “*the best kind of a safety device is a careful operator.*” We ask you to be that kind of an operator.

**NATIONAL SAFETY COUNCIL**

