

ABG 2000 Integral Tool Carrier



JOHN DEERE

OPERATORS MANUAL

**ABG 2000 Integral
Tool Carrier**

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ABG-2000 Integral Tool Carrier with AG-3A Three-Bottom Plow

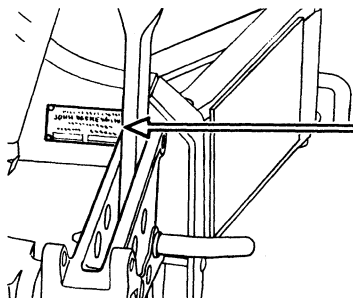
TO THE PURCHASER

Common sense tells us that there is only one **RIGHT** way to do anything. That's why we ask you to study thoroughly the instructions contained in this Operator's Manual. It is your guide when questions arise.

Your ABG-2000 Integral Tool Carrier will give many years of satisfaction if properly cared for and correctly operated.

Many John Deere Implements can be used with your tool carrier. Your John Deere dealer will assist you in selecting the proper tools for your needs. He sells **GENUINE** John Deere Parts . . . **EXACT** duplicates of the originals . . . and is qualified to give expert service.

To obtain the correct parts for your tool carrier write in the spaces below the model and serial numbers of your machine. These appear on the left forward face of the main frame. Always give these as well as parts numbers when ordering parts. Right- and left- hand sides are determined by facing in the direction the machine will travel.



MANUFACTURED BY	
JOHN DEERE YAKIMA WORKS	
OF DEERE & COMPANY	
MODEL NUMBER	SERIAL NUMBER

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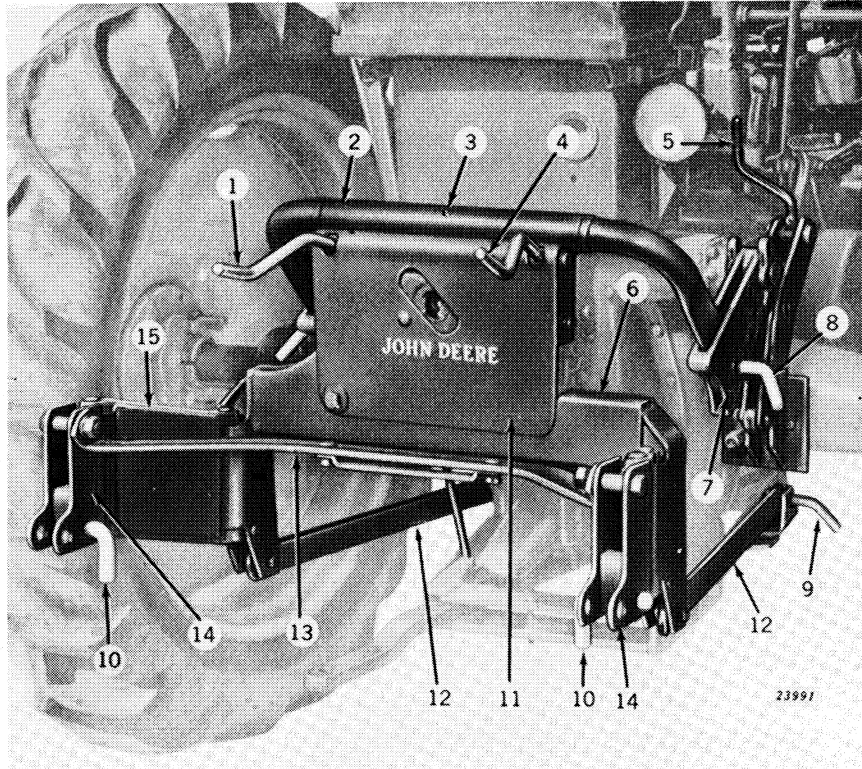


Figure 1—John Deere ABG-2000 Integral Tool Carrier

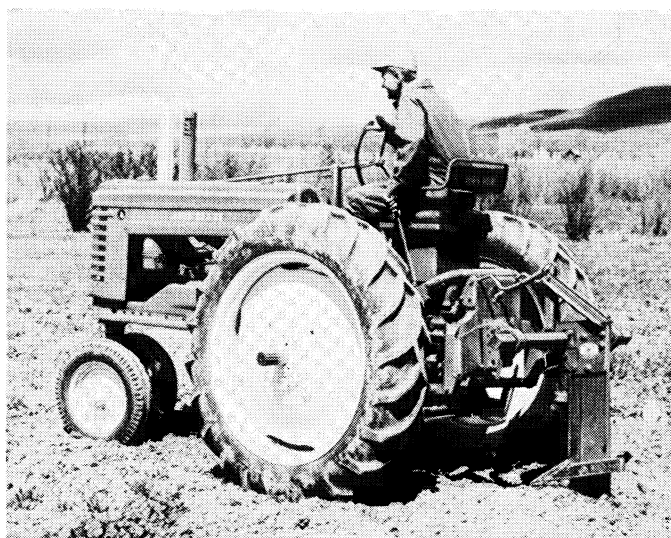
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|------------------------------|------------------------|
| 1. Suction Adjusting Crank | 9. Draft Link Pin |
| 2. Yoke Assembly | 10. Coupler Pin |
| 3. Grease Fitting | 11. Hood Assembly |
| 4. Leveling Adjustment Crank | 12. Draft Link |
| 5. Depth Control Crank | 13. Tie-Bar |
| 6. Frame Assembly | 14. Coupler Fitting |
| 7. Rockshaft Lift Arm | 15. Sway Link Assembly |
| 8. Lift Arm Pin | |

DESCRIPTION

The John Deere ABG-2000 Integral Tool Carrier is a simple, but sturdy machine that has been proven in the field on a variety of jobs. The carrier mounts readily on all John Deere Models "A," "B," and "G" Tractors and is controlled hydraulically by the regular power lift or Powr-Trol.

Simple adjustments are provided to level tools, adjust the depth of penetration, and regulate the tool for proper suction. All adjustments can be made by the operator from the tractor seat.

One man can quickly and easily mount or remove the carrier to make his tractor readily available for a wide range of jobs. The use of an ABG-2000 Integral Tool Carrier lowers equipment investments because interchangeable implements replace the need and cost of complete machines.



*Figure 2—John Deere ABG-2000 Integral Tool Carrier
with Panbreaker Attachment*

OPERATION AND ADJUSTMENT

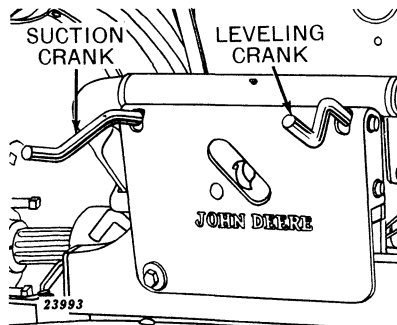


Figure 3—Adjusting Cranks

Coupling Implement.

Level the carrier with the right-hand (leveling) crank. Turn left-hand (suction) crank to the extreme counter-clockwise position.

With the carrier in the lowered position (Figure 4), back the tractor into place so that the couplers will engage when the carrier is raised.

Raise the implement off the ground and insert coupler pins (Figure 5).

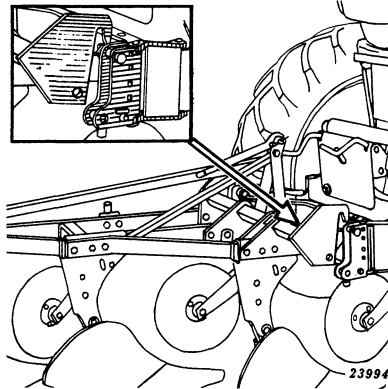


Figure 4—Lining Up Couplers

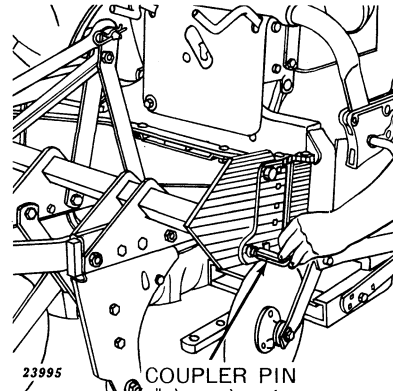


Figure 5—Inserting Pins

When a top link is required, swing the implement to the extreme left position before adjusting the length of the link for free entry of the pin. Ball end of the link must be turned to lock as shown in insert, Figure 6. Tighten jam nut securely.

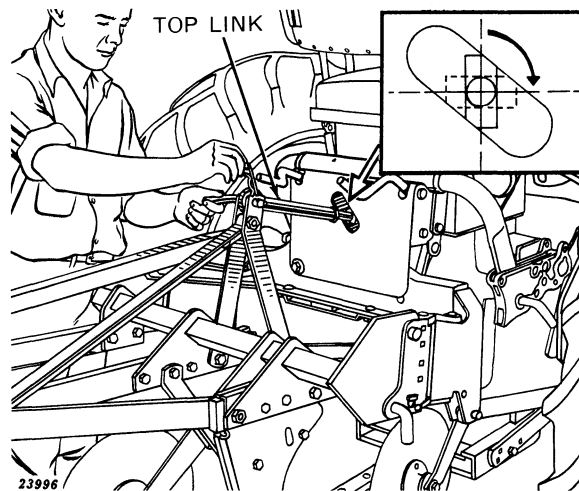


Figure 6—Installing Top Link

Uncoupling Implement.

With carrier in raised position, remove coupler pins (and top link pin if used). Lower carrier to disengage couplers.

Always insert coupler pins in forward holes (Figure 7) **immediately** after removal from coupler holes to prevent loss of pins.

NOTE: Uncoupled implements which do not stand upright by themselves should be properly supported. Uncoupled implements will be easier to couple if they lean slightly forward.

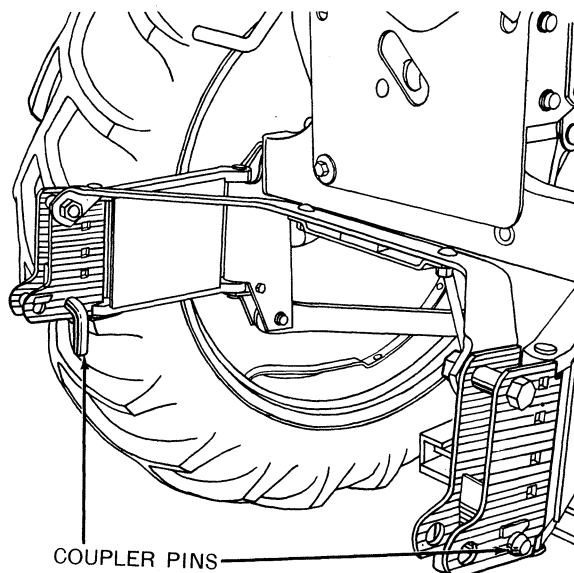


Figure 7—Coupler Pins in Storage Holes

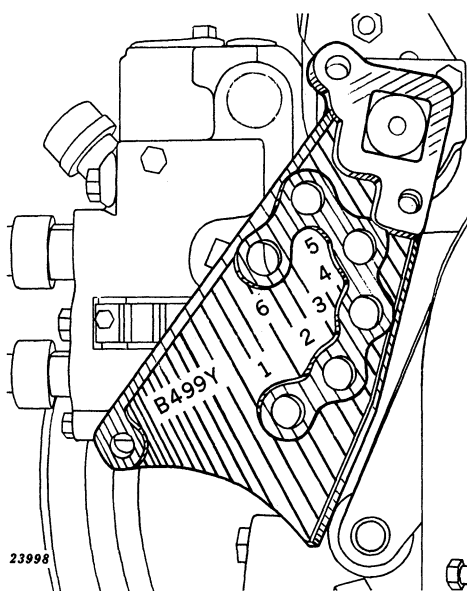


Figure 8—Rockshaft Lift Arm

Lift Arm Adjustment.

Proper ground clearance for each implement is gained by selecting the correct hole in the rockshaft lift arm (see Figure 8). These holes are numbered 1 through 6. Usually holes 1, 2, and 3 are used for plows and other tools requiring high ground clearance. Holes 4, 5, and 6 are used for tools requiring deeper penetration, but not much ground clearance, such as disk harrows, etc.

Sway Link Fitting Adjustment.

If sufficient penetration is not obtained (Model "A" or "B" Tractor) with lift arm pins in Number 6 holes in the rockshaft lift arms, it may be necessary to turn the carrier's sway link fittings over (Figure 9, lower view). The tool bar will be approximately 3 inches lower than in the high position.

NOTE: The sway link fittings *MUST BE* in the low-bar position for all Model "G" Tractors, and for Model "A" Tractors with tires larger than 38 inches.

To change the sway links from the high-bar to low-bar position, remove

bolts "A" and "1," Figure 9. Remove pins "2," turn sway fittings over and reinstall pins and bolts. Remove two bolts holding stop "C" to tie-bar "B" and reinstall on opposite side of tie-bar. Reinstall tie-bar as shown in the lower view.

Holes "3" are used to lock sway fittings in the center position. Lock tie-bar by inserting 1/2-inch x 1-1/2-inch bolts into holes "3."

Sway fittings should be locked only when close control of the implement's side motion is necessary or when transporting heavy tools long distances.

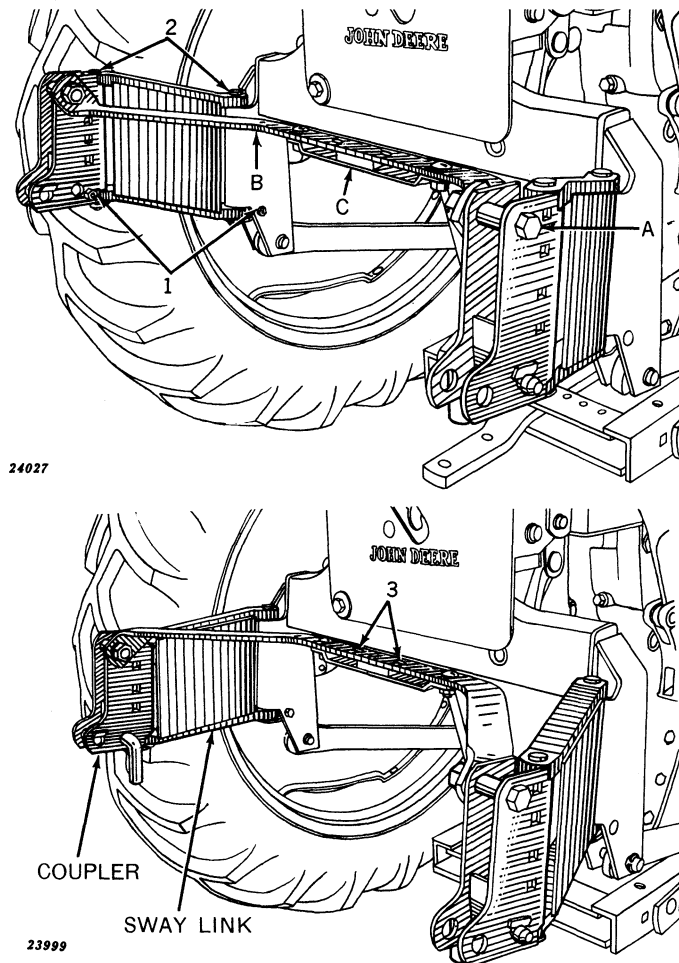


Figure 9—Sway Fittings and Tie-Bar Adjustment

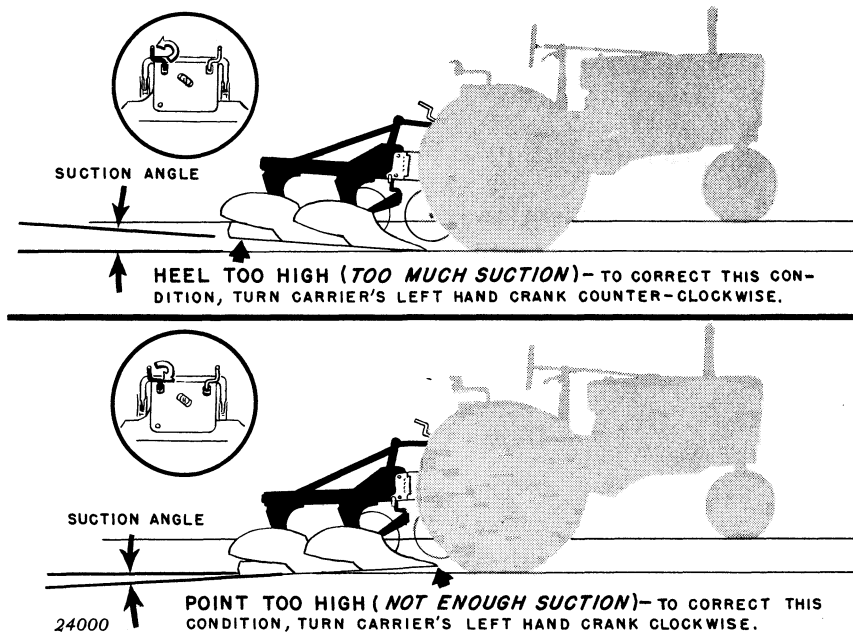


Figure 10—Suction Adjustment

Suction Adjustment.

Longitudinal (front to rear) implement level, called the *implement suction angle*, is controlled by the left-hand carrier crank. The term "suction" applies primarily to the plow and other tools which rely on their forward movement for penetration.

To increase a plow's suction (make it penetrate faster and deeper), turn the left-hand adjustment crank clockwise. Conversely, to decrease the suction, turn the crank counter-clockwise. In the case of a plow, turning the crank clockwise rotates the tool bar to lower the point of shear and raises the heel. Turning the crank in the opposite direction has the opposite effect.

NOTE: Excessive suction angle of some implements will cause the front of the tractor to become too light to steer properly.

Leveling Adjustment.

Lateral (side to side) adjustment is controlled by the right-hand carrier crank.

Tool-Bar Couplers.

For carriers with standard sway link tie-bars, set tool-bar couplers 35-1/2 inches apart from center to center of the couplers on the tool bar.

Standard hook settings on most attachments are 35-1/2 inches apart from center to center of the couplers.

Depth Control Adjustment.

The working depth of most implements is controlled by the depth control crank (Figure 11). To lower the implement working depth, turn the depth control crank in a **counter-clockwise** direction; to raise the implement turn the crank in a **clockwise** direction.

The working depth of some implements, such as plows, can be controlled by a combination of the depth control crank and the suction (left-hand) crank. In this case, the depth control crank is used as a supplemental control for suction angle adjustments.

For example, when plowing, a few **counter-clockwise** turns of the depth control crank will increase the suction angle causing the plow to work deeper.

For the proper adjustment of all implements consult the implement's Operator's Manual.

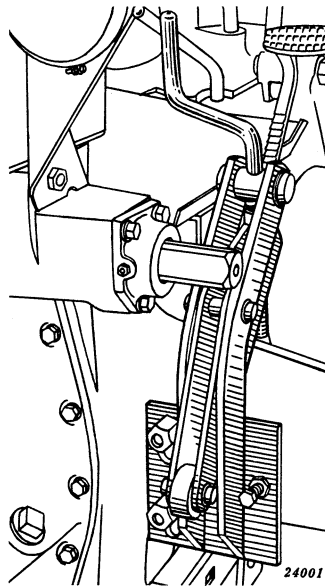


Figure 11—Depth Control Crank

Lubrication.

The only lubrication required is at the grease fitting on the yoke. See Figure 1 (Key 3) for the location of this fitting. Grease occasionally with the same grease as that used in the tractor's grease gun.

IMPLEMENT ATTACHMENTS

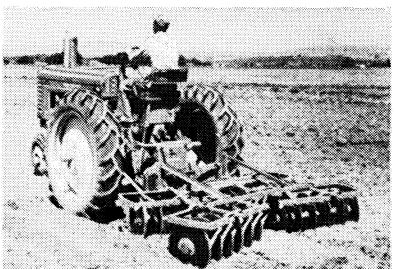
On this and the next two pages are shown a few of the Quik-Tatch implements available for your ABG-2000 Integral Tool Carrier. There are many other tools designed for attachment to 2-inch or 2-1/4-inch square tool bars that are well adapted to your farming requirements.

Consult your John Deere dealer for complete information and folders on these and other attachments.



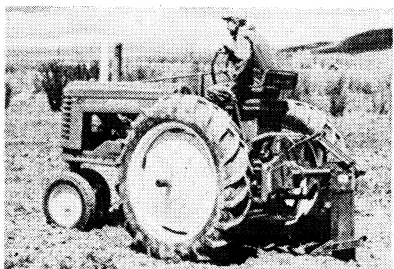
Plows (ABG and AG Series).

Designed especially for the ABG-2000 Tool Carrier, these one-, two-, or three-bottom plows possess all the advantages of the integral plow. Special Safety-Trip Standards prevent damage by allowing the bottoms to swing back when an obstruction is hit.



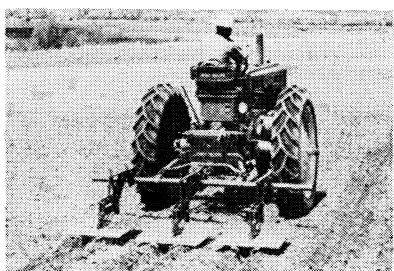
Disk Harrows (KHZ Series).

This double-action disk harrow is a rugged tool with unexcelled penetrating, slicing, and mixing ability. These 6-, 7-, or 8-foot harrows are available with 18-inch or 20-inch disk blades.



Panbreaker (KZ Series).

The panbreaker attachment does an excellent job of shattering hardpan, breaking up the subsoil as deep as 18 inches below ground level.

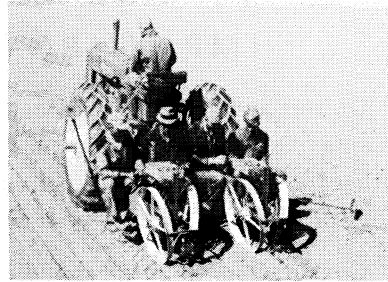


Corrugator (CZ Series).

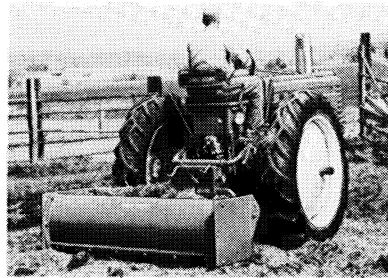
Using the corrugator attachment to make clean, uniform irrigation ditches will save water, reduce soil erosion, and insure more uniform crop growth. Sizes are available to make ditches either 6 inches wide by 5 inches deep or 4 inches wide by 5 inches deep.

Transplanter (TZ Series).

The John Deere Plantrol Transplanter attached to your ABG-2000 Tool Carrier, can be used to transplant either hardy or delicate plants. Rubber disk planting wheels handle plants gently and rapidly, setting them accurately and minimizing losses.

**Rear Dozer (DZ-600 Series).**

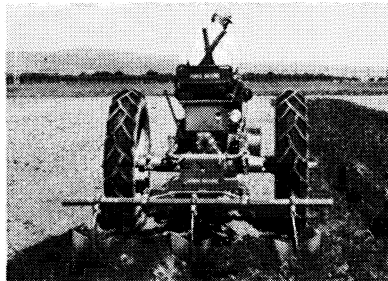
The six-foot rear dozer will cut well below ground level, and will easily handle a 24 cubic foot level-capacity load. Cutting depth and dumping are regulated by hydraulic control.

**Lister.**

The lister attachment is excellent for listing, making small ditches, and preparing seedbeds. Lister bottoms can be spaced as desired. The attachment can be equipped with either 14-inch general-purpose bottoms or the blackland bottoms.

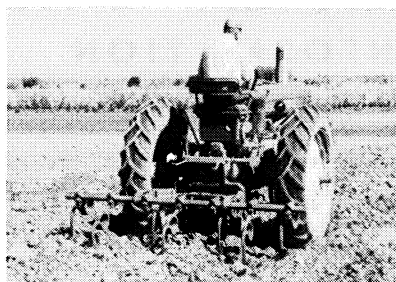
**Wing Furrowers.**

The furrower attachment is ideal for preparing irrigation ditches in fields, orchards, and vineyards. The three 15-inch furrowers are mounted on either coil-spring or rigid standards; spacing is variable.

**Border-Makers.**

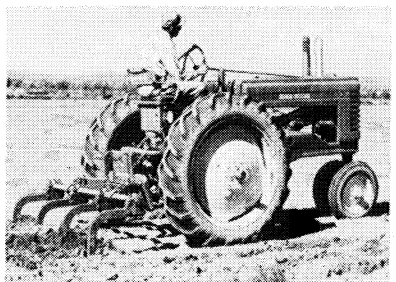
Border-making attachments are available for making irrigation borders, ridges, small levees, and vegetable or melon beds. The six-blade border disk attachment consists of two gangs, each of which contains one 26-inch, one 24-inch, and one 22-inch disk blade. The disk border plow, shown here, is supplied with either one or two disks, 24, 26, or 28 inches in diameter.





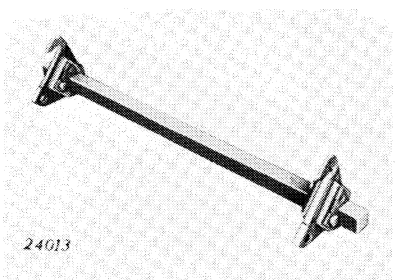
Coil-Spring Cultivator.

This versatile attachment can be used for preparing seedbeds, controlling weeds, furrowing, cultivating, and mulching the soil to conserve moisture. The coil-spring cultivator standards are available with general-purpose or alfalfa points, sweeps, or furrowers.



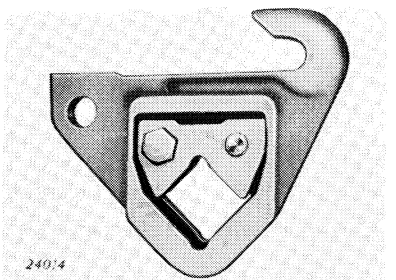
Chisel Cultivator.

The chisel cultivator is used for breaking shallow hardpan, loosening tight soils, and destroying deep-rooted weeds. It can be equipped with a variety of sweeps, shovels, and furrowers.

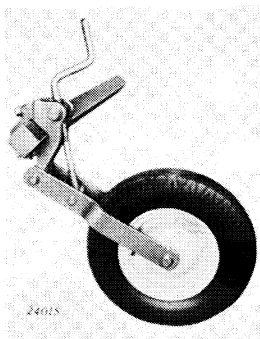


Tool Bars and Couplers (S Series)*

A few implement attachments, such as the ABG and AG Series Plows and KHZ Series Disk Harrows, have their own built-in tool bars and couplers, but the majority of implement attachments require an S Series Tool Bar and two S Series Couplers. Tool bars, 2-inch or 2-1/4-inch square, in lengths up to 12 feet, are available for your tool carrier.



Several designs of tool-bar coupler assemblies are available for various implements requiring different depths of penetration or ground clearance. Also, for mounting double gang tools, there are the double-bar tie bar fittings.



Gauge Wheel (AS Series) *

The gauge wheel is used in conjunction with other attachments to maintain proper working depth.

* Parts list included in this manual.

SHIPPING BUNDLE INFORMATION

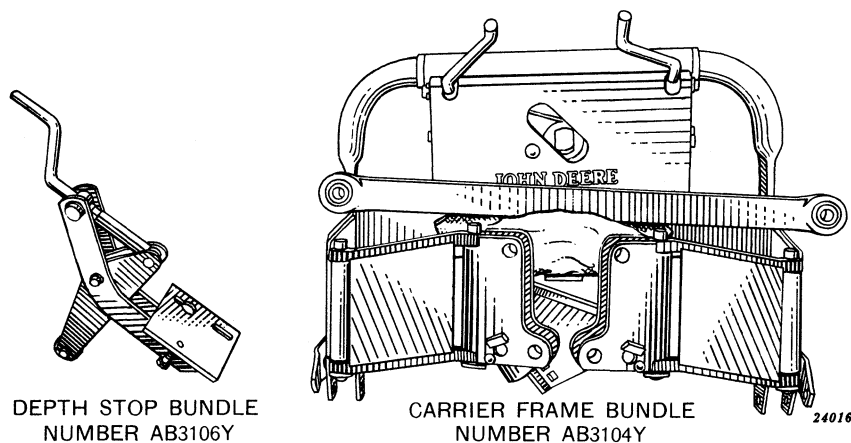


Figure 12—ABG-2000 Integral Tool Carrier Shipping Bundles

The ABG-2000 Integral Tool Carrier is shipped in two bundles as shown above. Extra equipment for the Tool Carrier consists of the following bundles:

Bundle	Description
AB-3105Y	Draft Link Bracket Adapter Plates for Model "A" Tractors below Serial No. 561902 and Model "B" Tractors below B-186134.
AB-3109Y	Top Link Assembly. (Required only with plow and panbreaker and other heavy draft tools equipped with hitch point for top link.)
AB-3110Y	Front Cultivator Arms. Used to operate front mounted cultivators.

Assembling Carrier.

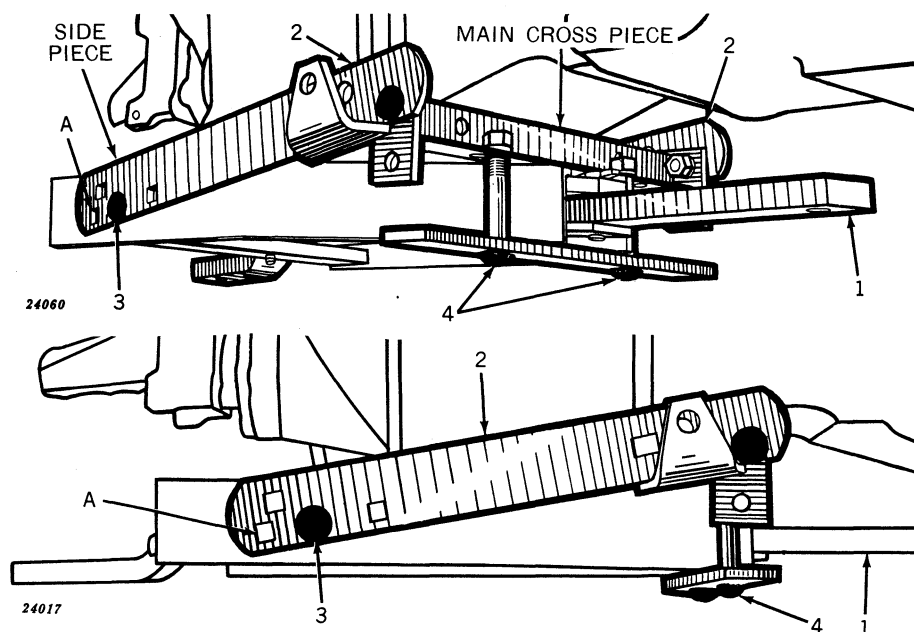
Assemble all bundles shown above. Cut bundle wires and proceed to assemble on tractor. For easiest installation, install the various units in the order in which they are discussed on the following pages.

ASSEMBLY

DRAFT LINK BRACKET

The draft link bracket is composed of two cross pieces and two side pieces. This assembly attaches to the drawbar as shown in Figure 13. Because this bracket is attached in a slightly different position for each tractor, it is very important to follow the instructions below.

Model "A" Tractors, Serial Nos. 561902 and Up.



**Figure 13—Draft Link Bracket Installed on Model "A" Tractors
Serial Nos. 561902 and Up**

1. Place tractor drawbar in lowest and shortest position and lock it to one side.
2. Bolt two side pieces to main cross piece. Make sure the correct holes are used for the two 5/8-inch x 1-1/2-inch carriage bolts.
3. Position assembly on tractor drawbar bracket and bolt side pieces to side of drawbar bracket with two remaining short carriage bolts. Use the forward hole in the side of the drawbar bracket. If the tractor has tires larger than 11-38, use the rear holes (A) in the side pieces.
4. Clamp the front end of the draft link bracket with the remaining cross piece. The 5/8-inch x 4-1/2-inch carriage bolts should be placed in the inside holes.

Model "A" Tractors Below Serial No. 561902.

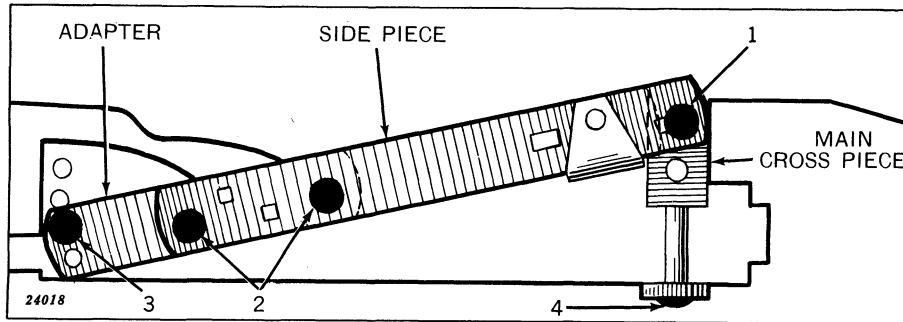


Figure 14—Draft Link Bracket Installed on Model "A" Tractors Below Serial No. 561902

1. Remove tractor drawbar. Bolt the two side pieces to the main cross piece. Make sure that the two 5/8-inch x 1-1/2-inch carriage bolts are in the correct holes.
2. Bolt the two short side piece extensions (adapter) to the inside faces of the side pieces using the four 5/8-inch x 1-1/2-inch carriage bolts furnished. Install bolts with the nuts on the outside.
3. Place assembly in the correct position on the drawbar bracket. Bend side pieces to fit sides of drawbar bracket and attach with two remaining bolts, with nuts on the outside.
4. Clamp front end of draft link bracket, using remaining cross piece and 5/8-inch x 4-1/2-inch bolts.

Model "B" Tractors Below Serial No. B-186134.

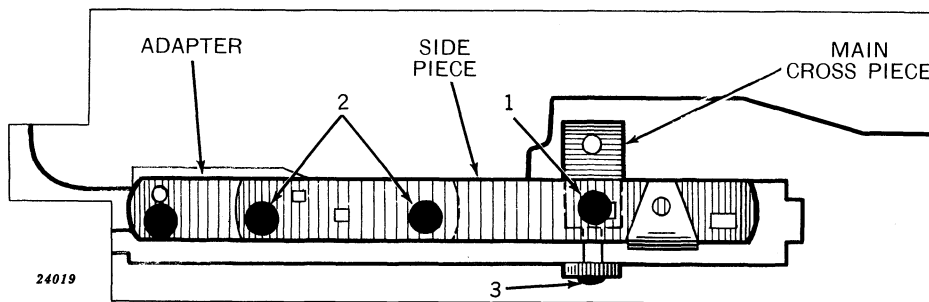


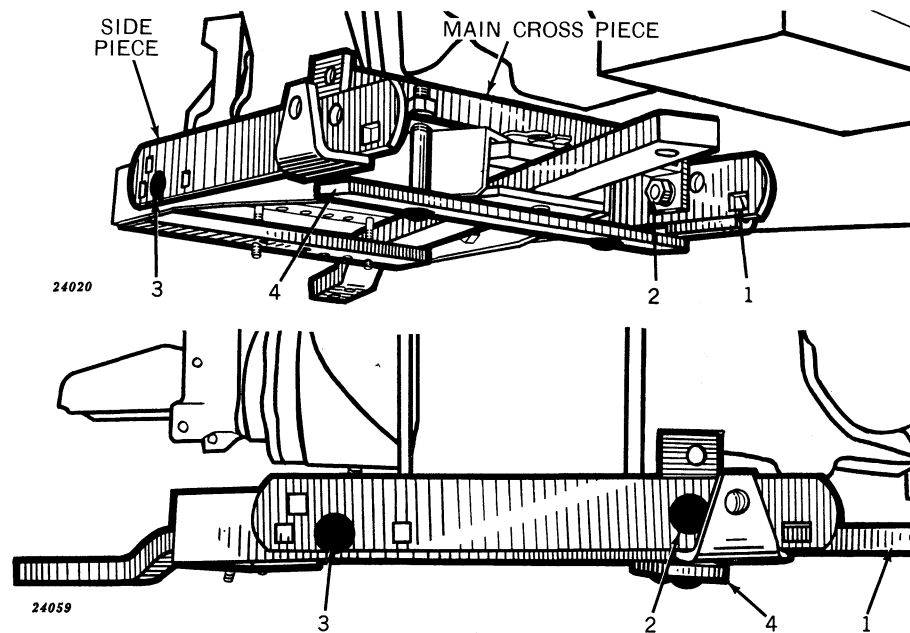
Figure 15—Draft Link Bracket Installed on Model "B" Tractors Below Serial No. B-186134

1. Remove drawbar. Bolt two side pieces to main cross piece, making certain that the correct holes are used for the two carriage bolts.

2. Bolt the two short side piece extensions (adapters) to the inside faces of the side pieces using the four 5/8-inch x 1-1/2-inch bolts. The nuts go on the outside. (See Figure 15.)

3. Clamp front end of draft link bracket to drawbar bracket using the remaining cross piece and the 5/8-inch x 4-1/2-inch bolts (Figure 15).

Model "B" Tractors, Serial Nos. B-186134 and Up.



**Figure 16—Draft Link Bracket Installed on Model "B" Tractors
Serial Nos. B-186134 and Up**

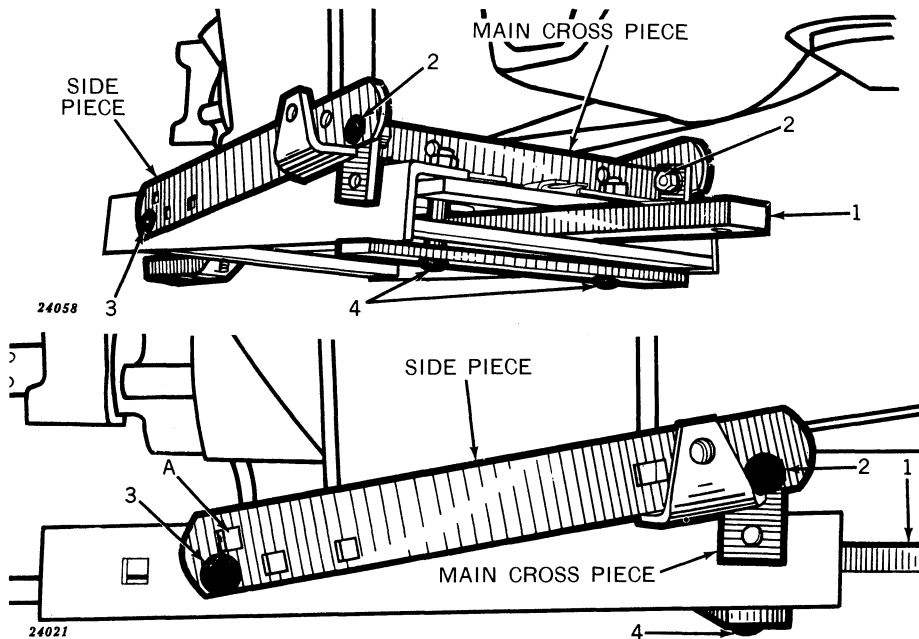
1. Place tractor drawbar in lowest and shortest position and lock it to one side (Figure 16).

2. Bolt the two side pieces to the main cross piece. Make sure that the correct holes in each are used for the two 5/8-inch x 1-1/2-inch carriage bolts.

3. Place the assembled pieces into position on the tractor drawbar bracket as shown above. Bolt side pieces to side of drawbar bracket by two remaining carriage bolts. Use the forward hole in the side of the tractor drawbar bracket. See lower view above.

4. Clamp front end of draft link bracket to drawbar bracket by the remaining cross piece. Use the 5/8-inch x 4-1/2-inch carriage bolts in the outer holes.

Model "G" Tractors, Serial Nos. G-18700 and Up.



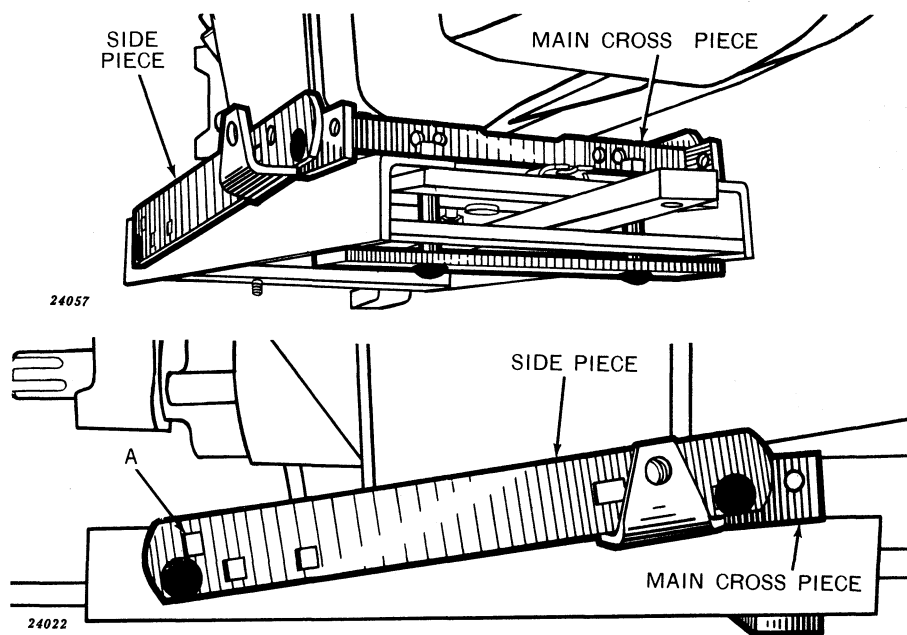
**Figure 17—Draft Link Bracket Installed on Model "G" Tractors
Serial Nos. G-18700 and Up (Plowing)**

If plow is to be used attach the draft link bracket to the drawbar bracket as follows:

1. Place drawbar in shortest and lowest position and lock to one side.
2. Bolt the two side pieces to the main cross piece, making certain that the correct holes are used for the two 5/8-inch x 1-1/2-inch carriage bolts.
3. Place assembly in position on the drawbar bracket and bolt side pieces to side of drawbar using the two remaining carriage bolts and the forward hole in the side of the drawbar bracket.

NOTE: If tractor has tires larger than 11-38, use upper hole (A) in side pieces.

4. Clamp front end of draft link bracket to drawbar bracket using the remaining cross piece and 5/8-inch x 4-1/2-inch carriage bolts. These bolts are installed in the outer holes in the cross pieces.

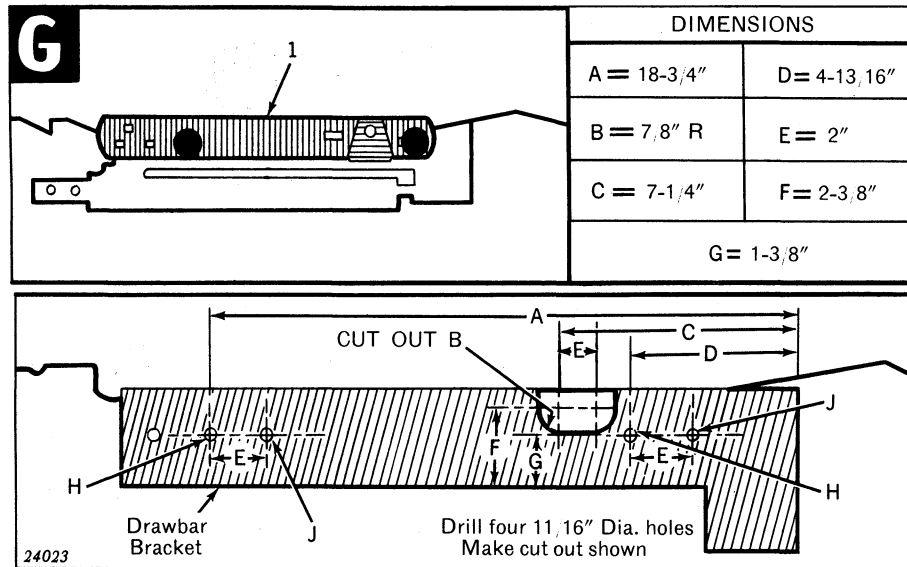


**Figure 18—Draft Link Bracket Installed on Model "G" Tractors
Serial Nos. G-18700 and Up (Non-Plowing)**

If plow is not to be used, main cross piece must be installed as shown in Figure 18. Rear holes in drawbar bracket are used when attaching side pieces to drawbar bracket.

NOTE: If tractor tires are larger than 11-38, use hole (A) in side pieces.

Model "G" Tractors Below Serial No. G-18700.



**Figure 19—Draft Link Bracket Installed on Model "G" Tractors
Below Serial No. G-18700**

Before attaching draft link bracket, remove drawbar from tractor and modify drawbar bracket as shown in Figure 19, above. All necessary dimensions are given in the illustration. The four 11/16-inch holes must be drilled on the center line of the drawbar bracket in line with the existing hole. If plow is not to be used, holes "J" need not be drilled.

After modification is completed, proceed as follows:

1. Attach side pieces to sides of drawbar bracket using 5/8-inch x 1-1/2-inch carriage bolts. If plow IS to be used, bolts should be inserted at holes "J" in the drawbar bracket. If plow IS NOT to be used, insert bolts at holes "H."

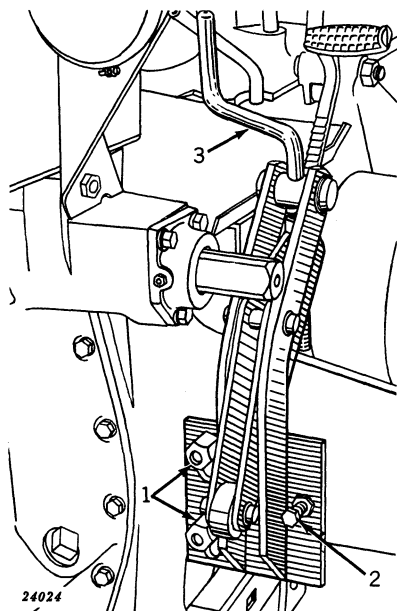


Figure 20—Depth Control Assembly

forward hole in the stop plate. On Model "B," rod is installed in the rear hole. If tractor has power lift instead of Powr-Trol, rod replaces existing power lift pedal shaft.

3. Bolt lower end of brace to the drawbar bracket. Bolt upper end to seat stop plate. Use upper hole at rear of plate for Model "B" Tractors, center hole for Model "A" Tractors, and lower hole for Model "G" Tractors.

4. Install tail light on new bracket, reconnect wire by bringing it from **underneath** battery compartment.

Depth Control Assembly.

1. Attach depth control assembly to rear of right-hand axle housing.
2. Tighten set screw firmly against axle.
3. Adjust to lowest position.

Seat Stop and Light Bracket.

1. Remove tail light from back of battery box.
2. Install rod, with threaded ends, through opening under battery box. Attach light bracket to right-hand end of rod and seat stop plate to left end. Make sure spacer goes between stop plate and tractor.

NOTE: For Models "A" and "G" Tractors, rod must be installed in lower

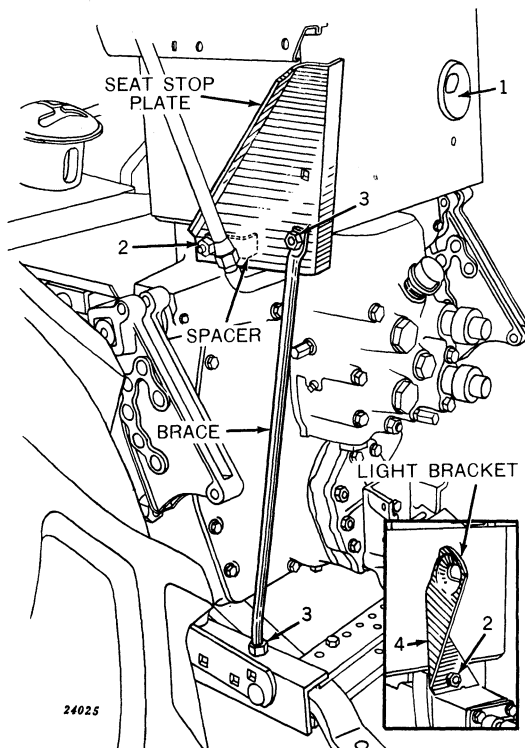


Figure 21—Seat Stop and Light Bracket Installed

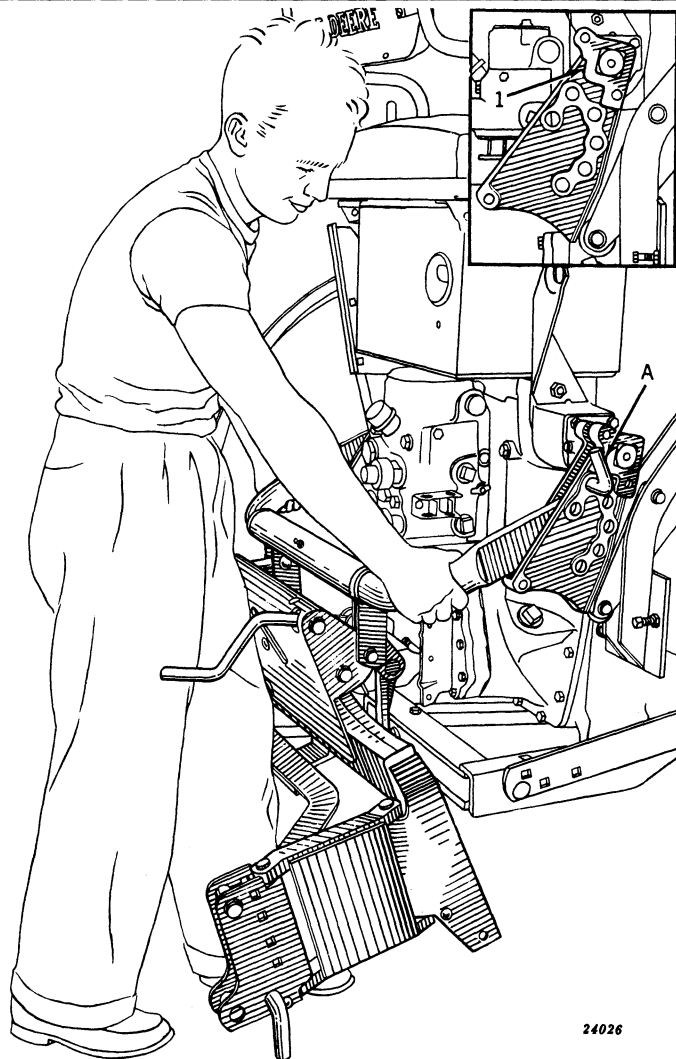


Figure 22—Attaching Carrier Frame

Attaching Carrier Frame.

1. With tractor running, push Powr-Trol lever back to turn rockshaft to full down position. Install lift arms on rockshaft with part number on right-hand side for both arms.
2. Remove power shaft shield. Attach carrier frame assembly to rockshaft lift arms with pins "A." For ease in attaching, insert one pin in hole No. 5, as shown above, then place flat ends of tubular yoke in lift arms with one end under the pin. This supports carrier while pins are secured in holes No. 4. Pins are secured in place with spring locks.

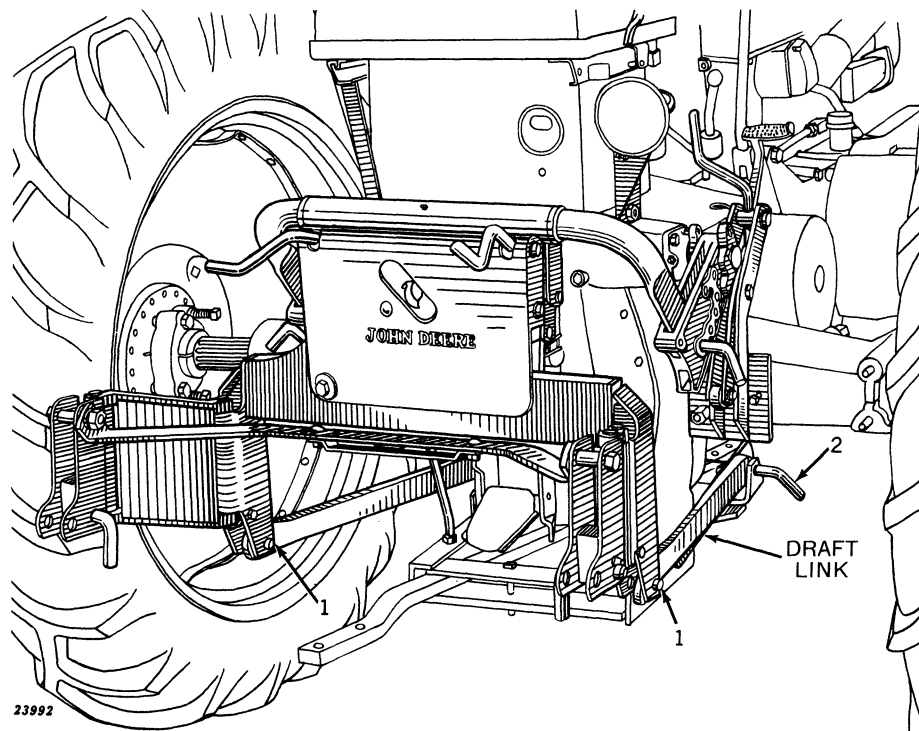


Figure 23—ABG-2000 Integral Tool Carrier Installed

Draft Links.

1. Attach draft links to carrier frame, using two 3/4-inch x 2-7/8-inch pins and snap rings.
2. Turn left-hand adjustment crank until forward holes in draft link line up with holes in draft link bracket. Insert pins to lock in place.

NOTE

Carrier frames are assembled at the factory with the sway fittings in the high-bar position. This is proper for all Model "A" Tractors with 38-inch tires and all Model "B" Tractors.

For Model "A" Tractors with 42-inch tires and all Model "G" Tractors, turn the sway links over if deep penetration is desired. This adjustment is clearly explained on page 6.

For Model "G" Tractors below Serial No. G-18700, the drawbar bracket must be cut and drilled as shown in Figure 19, page 18.

PARTS LIST AND ILLUSTRATIONS

Key Number.

Each part has been given a key number which is used only to find the part number, description, and quantity used. **DO NOT USE KEY NUMBER WHEN ORDERING PARTS.**

Quantity.

If only one part is used, the quantity is not listed. If more than one part is used, the quantity is listed with the description.

When Purchasing Parts.

When purchasing parts from your John Deere dealer direct, by telephone, or by mail, **BE SURE** to give him—

1. Model number and serial number of your Carrier.
2. Part numbers and descriptions of parts wanted.
3. Quantity desired of each part wanted.

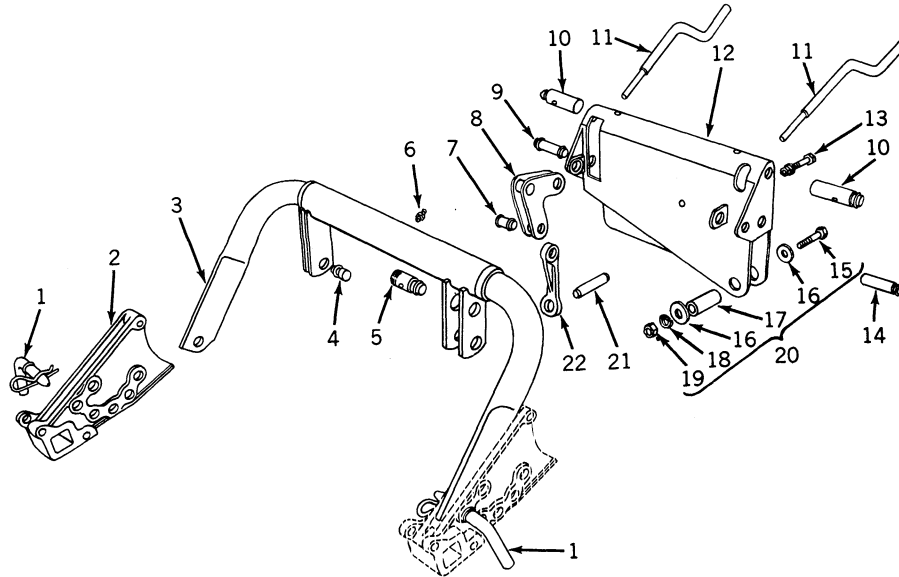
Abbreviations.

L.H.—Left-Hand	Hd. —Head
R.H.—Right-Hand	Reg. —Regular
Std. —Standard	No. —Number
Hex.—Hexagon	Med.—Medium
Nom.—Nominal	

INDEX TO PARTS LIST

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Special Attachments (Extra).....	27-32

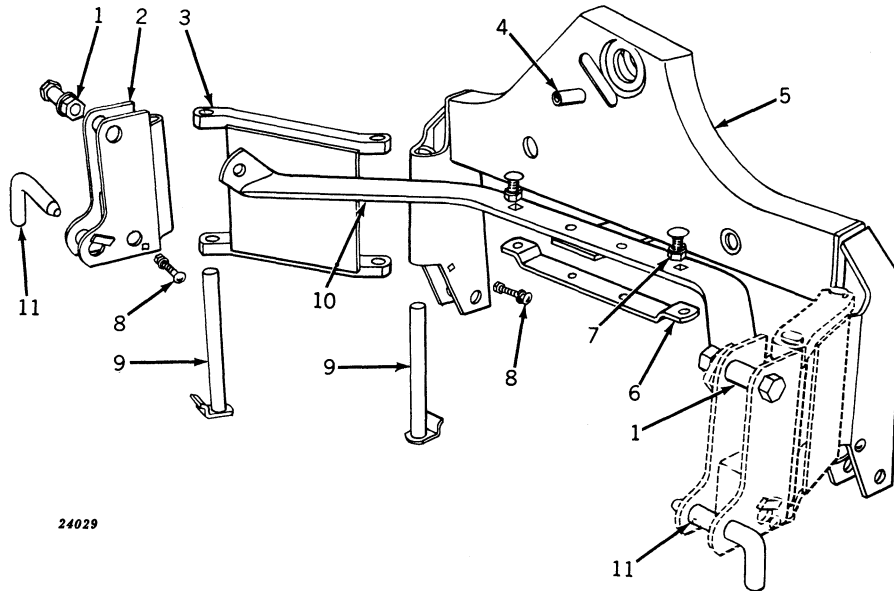
HOOD AND YOKE



24028

Key	Part No.	Description
1	AB 2455 Y	Pin, Lift Arm, Includes Snap Ring (2 used)
	5785 Y	Ring, Snap, 3/4" (2 used)
	A 3581 R	Pin, Spring Locking (2 used)
2	B 499 Y	Arm, Lift, Rockshaft (2 used)
3	AB 2449 Y	Assembly, Yoke
4	B 481 Y	Pin, Pivot, Hood, 3/4" x 1-1/4"
	5785 Y	Ring, Snap, 3/4"
5	B 463 Y	Nut, Torque Tube
	5787 Y	Ring, Snap, 7/8"
6	JD 7797	Fitting, Grease, 1/4" Straight
7	B 475 Y	Pin, Leveling Link, 1-17/32" Long
	5787 Y	Ring, Snap, 7/8"
8	AB 2489 Y	Assembly, Bell Crank, with Adjustment Nut
9	B 479 Y	Pin, Adjustment, Leveling, 3-1/32" Long
	5787 Y	Ring, Snap, 7/8"
10	B 473 Y	Nut, Hood, 3-3/4" (2 used)
	5787 Y	Ring, Snap, 7/8" (2 used)
11	B 467 Y	Crank, Adjustment (2 used)
12	AB 2433 Y	Hood
13	12H 12 R	Washer, Lock, 7/16"
	14H 257 R	Nut, Hex., Reg., 7/16"
	2H 555 H	Bolt, Cge., 7/16" x 3"
14	B 443 Y	Pin, Hood, 7/8" x 2-27/32" Long
	5785 Y	Ring, Snap, 3/4"
15	19H 714 Y	Screw, Cap, 5/8" x 3-1/2"
16		Washer, Flat, 1-3/8", O.D. (2 used)
17	B 478 Y	Bushing, Main Frame
18	12H 15 R	Washer, Spring Lock, Med., 5/8"
19	14H 398 R	Nut, Hex., Light, 5/8"
20	AB 2477 Y	Assembly, Bushing*
21	B 487 Y	Pin, Leveling Adjustment, 7/8" x 3-5/16"
	5787 Y	Ring, Snap, 7/8"
22	B 526 Y	Link, Leveling

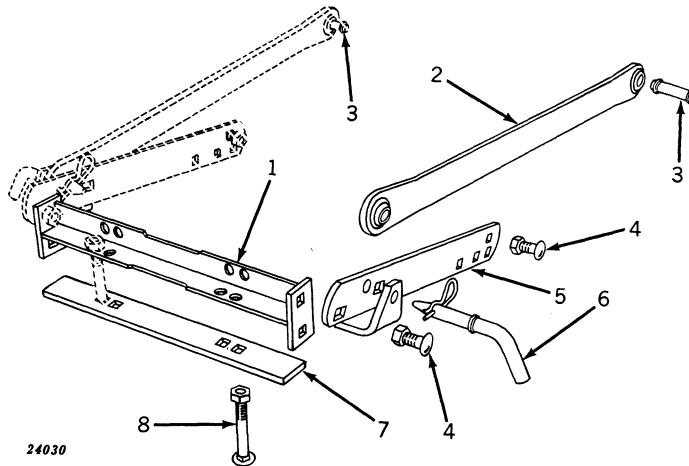
*For replacement, this assembly replaces original B477Y pin and 5791Y snap rings.

FRAME AND SWAY LINKS

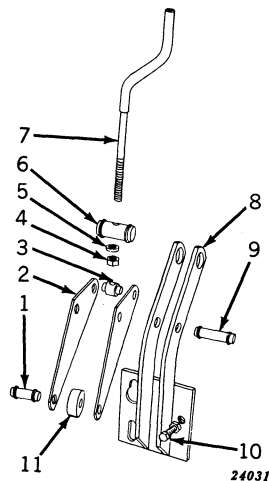
24029

Key	Part No.	Description
1	(B 585 Y	Bolt, Tie Bar (2 used) (Serial No. AB-5167 and Up)
	12H 17 R	Washer, Spring Lock, Med., 3/4" (2 used)
	14H 266 R	Nut, Hex., Reg., 3/4" (2 used)
	B 527 Y	Pin, Coupler (2 used) (Serial No. AB-1401 to AB-5166)
	5787 Y	Ring, Snap, 7/8" (4 used) (Serial No. AB-1401 to AB-5166)
2	(AB 2521 Y	Fitting, Coupler (2 used) (Below Serial No. AB-5167)
	AB 2621 Y	Fitting, Coupler (2 used) (Serial No. AB-5167 and Up)
3	(AB 2531 Y	Link, Sway (2 used) (Serial No. AB-1401 to AB-8452 only)
	B 633 Y	Link, Sway (2 used) (Serial No. AB-8453 and Up)
4	B 445 Y	Spacer
5	AB 2494 Y	Frame
6	B 421 Y	Stop, Tie Bar
7	(2H 614 A	Bolt, Cge., 1/2" x 1-1/4" (2 used)
	14H 259 R	Nut, Hex., Reg., 1/2" (2 used)
	12H 13 R	Washer, Lock, Split, 1/2" (2 used)
8	(2H 796 Y	Bolt, Cge., 5/16" x 2-3/8" (4 used)
	12H 10 R	Washer, Spring Lock, 5/16" (4 used)
	14H 253 R	Nut, Hex., Reg., 5/16" (4 used)
9	AB 2525 Y	Pin, Link, Sway (4 used)
10	(B 501 Y	Bar, Tie (Serial No. AB-5167 and Up)
	AB 2501 Y	Assembly, Tie Bar (Serial No. AB-1401 to No. 5166)*
11	B 127 Y	Pin, Coupler (2 used)

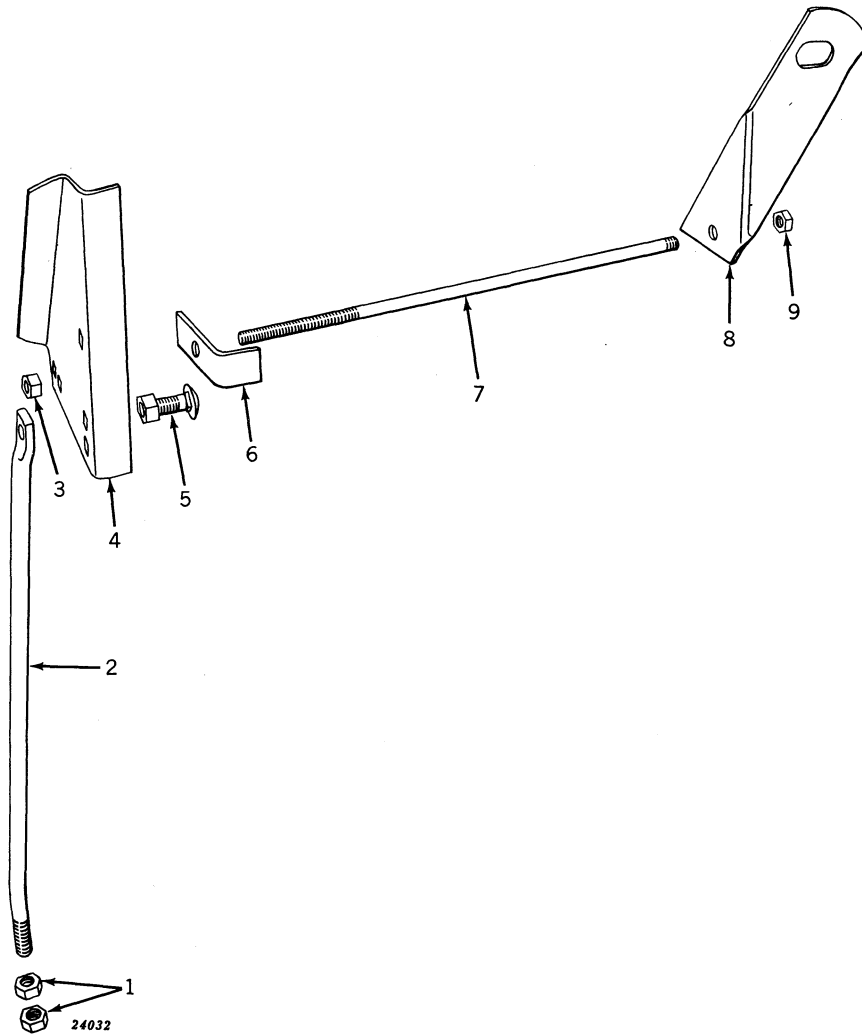
*Includes stop B421Y and bolts B585Y.

DRAFT LINKS AND BRACKET

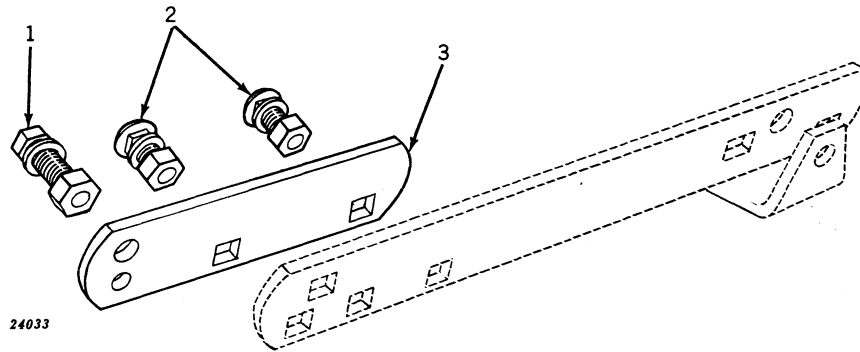
Key	Part No.	Description
1	AB 2539 Y	Angle, Cross Piece (Upper) Draft Link Bracket
2	AB 2411 Y	Link, Draft Assembly, Includes Ball Joints (2 used)
	B 131 Y	Joint, Ball (4 used)
3	B 119 Y	Pin, Draft Link, 3/4" x 2-7/8" (2 used)
	5785 Y	Ring, Snap, 3/4" (4 used)
4	TE 24 YT	Bolt, Cge., 5/8" x 1-1/2" (4 used)
	9027 Y	Nut, Hex., Reg., 5/8" (4 used)
5	AB 2541 Y	Frame, Side, Draft Link Bracket (L.H.)
	AB 2542 Y	Frame, Side, Draft Link Bracket (R.H.)
6	AB 2455 Y	Pin, Draft Link, Includes Snap Ring (2 used)
	5785 Y	Ring, Snap, 3/4" (2 used)
	A 3581 R	Pin, Spring Locking (2 used)
7	B 537 Y	Frame, Cross Piece (Lower) Draft Link Bracket
8		Bolt, Cge., 5/8" x 4-1/2" (2 used)
	14H 263 R	Nut, Hex., Reg., 5/8" (2 used)
	12H 15 R	Washer, Split Lock, 5/8" (2 used)

DEPTH STOP (MECHANICAL)

Key	Part No.	Description
1	B 515 Y	Pin, Stop Roller, 3/8" x 2-3/16"
	5785 Y	Ring, Snap, 3/4" (2 used)
2	B 511 Y	Arm, Stop (2 used)
3	B 545 Y	Nut, Stop Arm
4	14H 765 Y	Nut, Light Hex., 5/8"
5	6890 Y	Bearing, Thrust
6	B 517 Y	Trunnion, Stop
	5792 Y	Ring, Snap, 1-1/4"
7	B 505 Y	Screw, Stop Adjustment
8	AB 2509 Y	Bracket, Stop (Mechanical)
9	B 119 Y	Pin, Stop Arm, 3/4" x 2-15/16"
	5785 Y	Ring, Snap, 3/4" (2 used)
10	19H 356 H	Screw, Cap, Hex., 7/16" x 2"
	14H 344 A	Nut, Jam, Hex., Reg., 7/16"
11	B 513 Y	Roller, Stop

SEAT STOP AND LIGHT BRACKET

Key	Part No.	Description
1	14H 263 R	Nut, Hex., Reg., 5/8" (2 used)
2	B 408 Y	Brace, Seat Stop
3	14H 259 R	Nut, Hex., Reg., 1/2" (2 used)
4	B 410 Y	Stop, Seat
5	(TE 24 YT	Bolt, Cge., 5/8" x 1-1/2"
	9027 Y	Nut, Hex., Reg., 5/8"
6	B 409 Y	Spacer, Seat Stop
7	B 416 Y	Rod, Seat Stop and Light Bracket
8	B 407 Y	Bracket, Light

DRAFT LINK BRACKET ADAPTER

24033

Key	Part No.	Description
1	19H 676 R	Screw, Cap, 5/8" x 2" (2 used)*
	12H 15 R	Washer, Spring Lock, Med., 5/8" (2 used)*
	14H 263 R	Nut, Hex., 5/8" (2 used)*
	or	
	19H 475 R	Screw, Cap, 1/2" x 2" (2 used)**
	12H 13 R	Washer, Spring Lock, Med., 1/2" (2 used)**
	14H 259 R	Nut, Hex., 1/2" (2 used)**
	TE 25 Y	Bolt, Cge., Special (4 used)***
2	12H 15 R	Washer, Spring Lock, Med., 5/8" (4 used)***
	14H 263 R	Nut, Hex., 5/8" (4 used)***
	B 549 Y	Adapter, Draft Link Bracket (2 used)***

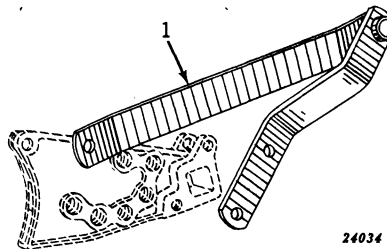
* Model "A" Tractors Below Serial Nos. 561902 only.

** Model "B" Tractors Below Serial Nos. B-186134 only.

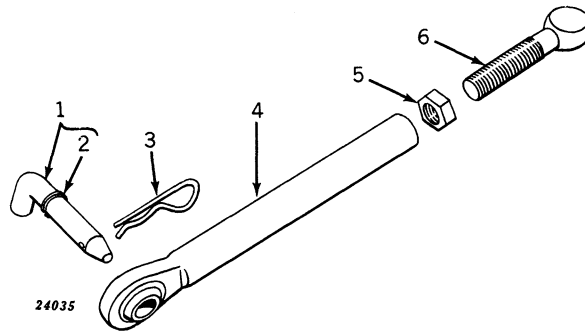
*** Model "A" Tractors Below Serial Nos. 561902 and Model "B" Tractors Below Serial Nos. B-186134.

FRONT MOUNT CULTIVATOR LIFT ARM

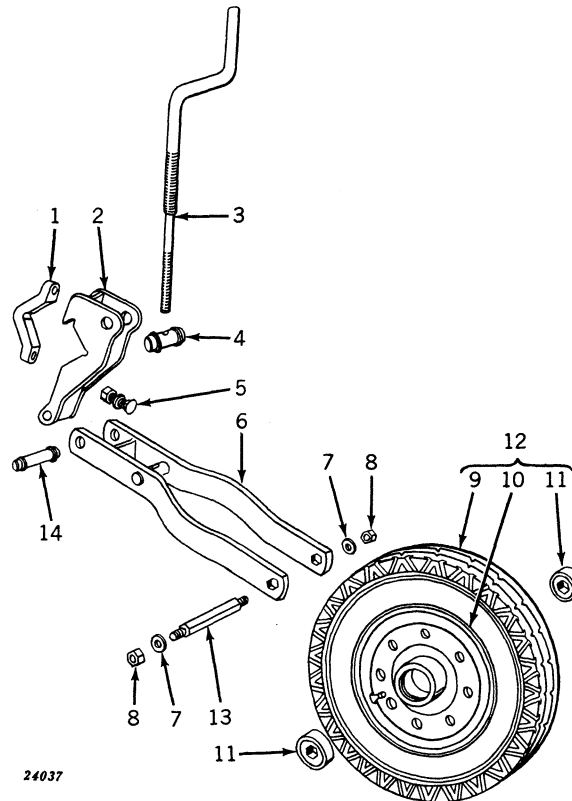
Key	Part No.	Description
1	AB 2566 Y	Arm, Lift, Front Mounted Cultivator (R.H.)
	AB 2567 Y	Arm, Lift, Front Mounted Cultivator (L.H.)



24034

TOP LINK ASSEMBLY

Key	Part No.	Description
1	AB 2455 Y	Assembly, Lock Pin, Draft Link
2	5785 Y	Ring, Snap
3	A 3581 R	Pin, Spring Lock
4	AB 2563 Y	Link, Top, Includes Ball Joint
	B 131 Y	Joint, Ball
5	14H 357 A	Nut, Jam, 7/8"
6	B 561 Y	Head, Top Link

GAUGE WHEEL*

24037

Key	Part No.	Description
1	AM 1129 T	Clamp
2	S 195 Y	Clamp, Gauge Wheel
3	S 227 Y	Screw, Gauge Wheel Adjustment
4	S 233 Y	Trunnion, Upper
	5791 Y	Ring, Snap, 1-1/8" Shaft Size (2 used)
5	3H 715 R	Bolt, Cge., 5/8" x 2-3/4" (2 used)
	12H 15 R	Washer, Spring Lock, Med., 5/8" (2 used)
	14H 263 R	Nut, Hex., Reg., 5/8" (2 used)
6	AS 2195 Y	Assembly, Frame, Gauge Wheel**
	S 235 Y	Trunnion, Lower
7	24H 447 T	Washer, Plain Flat, 1/2" (2 used)
8	9029 Y	Nut, Lock (Gripco), 1/2" (2 used)
9	11004 Y	Tire, 4.00 x 8-2 ply
	11005 Y	Tube, 4.00 x 8-90°, Bent Stem
10	AS 2291 Y	Wheel, Gauge
11	JD 7126	Bearing, Sealed (2 used)
12	AE 1191 Y	Wheel Assembly, Complete with Tire, Tube, and Bearings
13	E 355 Y	Axle, Gauge Wheel
14	S 239 Y	Pin, Gauge Wheel
	5785 Y	Ring, Snap, 3/4" Shaft Size (2 used)

* For complete gauge wheel assembly order AS3195Y

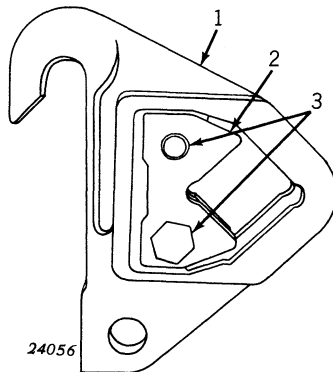
** Welded assembly, includes S235Y Trunnion.

SINGLE TOOL BARS (2")

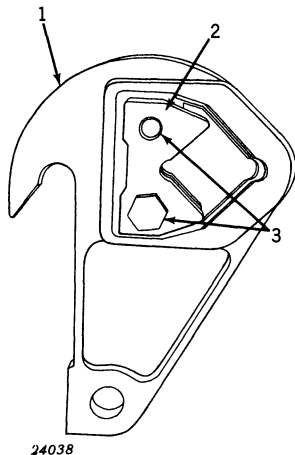
Part No.	Description
S-148Y	2" x 2" Square, 4 Feet Long
S-160Y	2" x 2" Square, 5 Feet Long
S-172Y	2" x 2" Square, 6 Feet Long
S-184Y	2" x 2" Square, 7 Feet Long
S-196Y	2" x 2" Square, 8 Feet Long
S-108Y	2" x 2" Square, 9 Feet Long
S-120Y	2" x 2" Square, 10 Feet Long

SINGLE TOOL BARS (2-1/4")

S-248Y	2-1/4" x 2-1/4" Square, 4 Feet Long
S-260Y	2-1/4" x 2-1/4" Square, 5 Feet Long
S-272Y	2-1/4" x 2-1/4" Square, 6 Feet Long
S-284Y	2-1/4" x 2-1/4" Square, 7 Feet Long
S-296Y	2-1/4" x 2-1/4" Square, 8 Feet Long
S-208Y	2-1/4" x 2-1/4" Square, 9 Feet Long
S-220Y	2-1/4" x 2-1/4" Square, 10 Feet Long

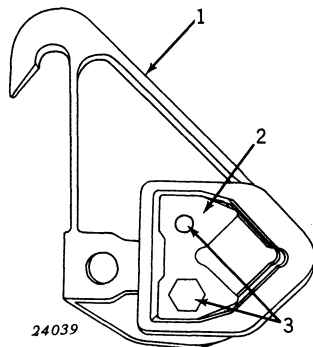
**TOOL BAR COUPLERS
(2 Used per Tool Bar)****REGULAR CLOSED COUPLER**

Key	Part No.	Description
1	S-199 Y	Coupler, Reg., Closed Type (Prior to Year 1952) (Sub. AS1199Y)
	S-200 Y	Coupler, Reg. Closed Type (Year 1952 and After)
2	S-215 Y	Wedge, 2" Tool Bar (2 used)
	S-216 Y	Wedge, 2-1/4" Tool Bar (2 used)
3	19H 1193 Y	Screw, Cap, Hex. Hd., Reg., 5/8" x 2-1/2" (2 used)
4	S-334 Y	Block, Wedge (Year 1952 and After)
		AS2199Y Coupler Assembly, Complete (2" Bar)
		AS2294Y Coupler Assembly, Complete (2-1/4" Bar)

**HIGH-BAR CLOSED COUPLER***

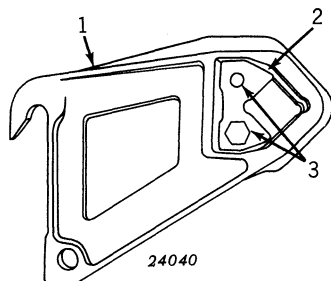
Key	Part No.	Description
1	S-205 Y	Coupler, High-Bar Closed Type
2	(S-215 Y S-216 Y)	Wedge, 2" Tool Bar (2 used) Wedge, 2-1/4" Tool Bar (2 used)
3	19H 1193 Y	Screw, Cap, Hex. Hd., Reg., 5/8" x 2-1/2" (2 used)

* For complete coupler assembly, order AS 2205 Y (2" bar) or AS 2206 Y (2-1/4" bar).

**LOW-BAR CLOSED COUPLER***

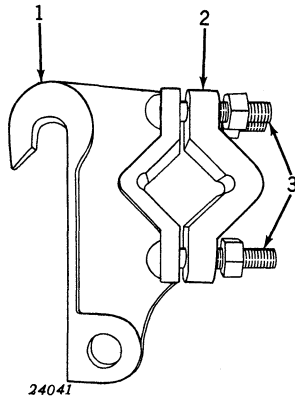
Key	Part No.	Description
1	S-201 Y	Coupler, Low-Bar, Closed Type
2	(S-215 Y S-216 Y)	Wedge, 2" Tool Bar (2 used) Wedge, 2-1/4" Tool Bar (2 used)
3	19H 1193 Y	Screw, Cap, Hex. Hd., Reg., 5/8" x 2-1/2" (2 used)

* For complete coupler assembly, order AS 2201 Y (2" bar) or AS 2202 Y (2-1/4" bar).

**EXTENDED HIGH-BAR COUPLER***

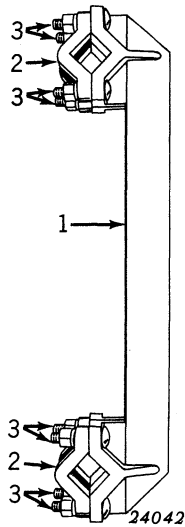
Key	Part No.	Description
1	S-203 Y	Coupler, Extended High-Bar, Closed Type
2	(S-215 Y S-216 Y)	Wedge, 2" Tool Bar (2 used) Wedge, 2-1/4" Tool Bar (2 used)
3	19H 1193 Y	Screw, Cap, Hex. Hd., Reg., 5/8" x 2-1/2" (2 used)

* For complete coupler assembly order, AS 2203 Y (2" bar) or AS 2204 Y (2-1/4" bar).

**REGULAR OPEN COUPLER***

Key	Part No.	Description
1	S-221 Y	Coupler, Regular, Open Type
2	E-367 Y	Clamp (2 used)
3		Bolt, Carriage, 3/4" x 3-1/2" Long (4 used)
	9028 Y	Nut, "Gripco" Lock, 5/8" (4 used)

* For complete coupler order AS 2221 Y (2" or 2-1/4" bar).

**REAR BAR BRACKET FOR DOUBLE TOOL BAR
(2 Used)**

Key	Part No.	Description
1	AS 2301 Y	Tie Bar, Double Tool Bar Bracket
2	AM 1129 T	Clamp (4 used)
3	3H 718 Y	Carriage Bolt, 5/8" x 3" Long (4 used)
	14H 263 R	Nut, Reg. Hex., 5/8" (4 used)
	12H 15 R	Washer, Med., Split Lock, 5/8" (4 used)

* For complete tie bar assembly order AS 3302 Y (2" or 2-1/4" bar).

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2H 796 Y.....	24	8	AB 2449 Y.....	23	3	B 505 Y.....	25	7
3H 715 R.....	29	5	AB 2455 Y.....	23	1	B 511 Y.....	25	2
3H 718 Y.....	32	3		28	1	B 513 Y.....	25	11
			AB 2477 Y.....	23	20	B 515 Y.....	25	1
12H 10 R.....	24	8	AB 2489 Y.....	23	8	B 517 Y.....	25	6
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12H 13 R.....	24	7	AB 2494 Y.....	24	5	B 527 Y.....	24	1
12H 15 R.....	23	18	AB 2501 Y.....	24	10	B 545 Y.....	25	3
12H 17 R.....	24	1	AB 2509 Y.....	25	8			
			AB 2521 Y.....	24	2	B 549 Y.....	27	3
14H 253 R.....	24	8	AB 2525 Y.....	24	9	B 561 Y.....	28	6
14H 257 R.....	23	13				B 585 Y.....	24	1
14H 259 R.....	24	7	AB 2531 Y.....	24	3	B 633 Y.....	24	3
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14H 266 R.....	24	1	AB 2566 Y.....	27	1	E		
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14H 357 A.....	28	5						
14H 398 R.....	23	19	AE			JD		
14H 765 Y.....	25	4	AE 1191 Y.....	29	12	JD 7126.....	29	11
19H 356 H.....	25	10				JD 7797.....	23	6
			AM					
19H 475 R.....	27	1	AM 1129 T....	29	1			
19H 676 R.....	27	1		32	2			
19H 714 Y.....	23	15				S		
19H 1193 Y.....	30	3				S 195 Y.....	29	2
24H 447 T.....	29	7	AS			S 199 Y.....	30	1
			AS 2195 Y.....	29	6	S 200 Y.....	30	1
5785 Y.....	23	1	AS 2291 Y.....	29	10	S 201 Y.....	31	1
	23	4	AS 2301 Y.....	32	1	S 203 Y.....	31	1
	23	14						
	25	1	B			S 205 Y.....	31	1
	25	9	B 119 Y.....	25	9	S 215 Y.....	30	2
	28	2	B 127 Y.....	24	11		31	2
	29	13	B 131 Y.....	28	4	S 216 Y.....	30	2
5787 Y.....	23	5	B 407 Y.....	26	8		31	2
	23	7	B 408 Y.....	26	2	S 221 Y.....	32	1
	23	9				S 227 Y.....	29	3
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	23	21	B 410 Y.....	26	4	S 233 Y.....	29	4
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5791 Y.....	29	4	B 421 Y.....	24	6	S 239 Y.....	29	13
5792 Y.....	25	6	B 443 Y.....	23	14			
						TE		
6890 Y.....	25	5	B 445 Y.....	24	4	TE 25 Y.....	27	2
9027 Y.....	26	1	B 463 Y.....	23	5	TE 24 YT.....	26	5
9028 Y.....	32	3	B 467 Y.....	23	11			
9029 Y.....	29	8	B 473 Y.....	23	10			
			B 475 Y.....	23	7			
11004 Y.....	29	9						
11005 Y.....	29	9	B 478 Y.....	23	17			
			B 479 Y.....	23	9			
A			B 481 Y.....	23	4			
A 3581 R.....	23	1	B 487 Y.....	23	21			
	28	3						

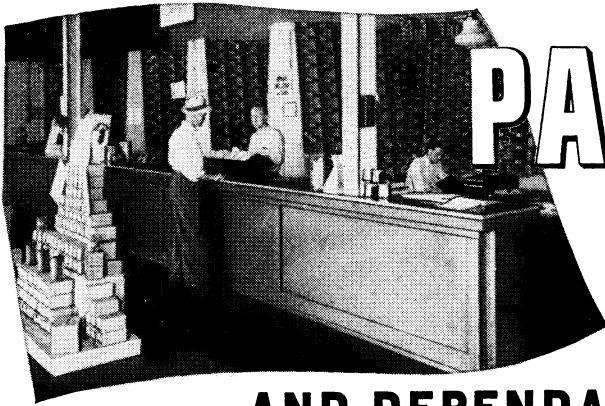
MEMORANDA

[illegible]

MEMORANDA

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

FOR GENUINE JOHN DEERE



PARTS

AND DEPENDABLE

SERVICE



Go to your
JOHN DEERE DEALER

WHEN you need new parts for your John Deere equipment, always *insist on genuine John Deere parts*. They are made from the same patterns, of the same high-quality materials as the original parts. They will save you money because they fit properly, wear better, last longer and maintain the high quality of your equipment throughout its long working life.

You'll also find it pays to take advantage of the facilities offered by your John Deere dealer when you need special service for your John Deere equipment. He has *trained mechanics* who know your equipment best. He has *special equipment* for doing special work efficiently and economically. He will give you complete satisfaction on any work necessary to keep your equipment in A-1 condition.

**GENUINE JOHN DEERE PARTS FIT BETTER,
LAST LONGER, AND DUPLICATE ORIGINALS.
YOUR JOHN DEERE DEALER HAS TRAINED
MECHANICS WHO KNOW YOUR EQUIPMENT**



Farm Accidents Can Be Prevented *with Your Help*

NO 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

