

Model "KBY" Lift-Type Disk Harrow



JOHN DEERE

OPERATORS MANUAL

Model "KBY" Lift-Type
Disk Harrow

OMB40459 D9 English

OMB40459 D9

LITHO IN U.S.A.
ENGLISH



TO THE PURCHASER

Your new Model "KBY" Disk Harrow 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, adjustment, maintenance, and lubrication of your new disk harrow. 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 in the shop.

Right-hand and left-hand reference is determined by standing at the rear of the disk harrow and facing the direction of travel.



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

JOHN DEERE MODEL "KBY" DISK HARROW

Check off size of your disk harrow, disk blade size, hitch adapter, special equipment obtained, and record date purchased. This information will be valuable whenever ordering parts.

Size

6-Ft. 9-1/2-In. Spacing..... ☐

6-Ft. { 9-1/2-In. Spacing

Front..... ☐

7-1/8-In. Spacing

Rear..... ☐

6-Ft. 7-1/8-In. Spacing..... ☐

7-Ft..... ☐

8-Ft..... ☐

9-Ft..... ☐

Furrow Leveling Blade..... ☐

Blade Size

18-In. ☐

18-In. Heavy Duty ☐

20-In. ☐

Hitch Adapter, for:

"430," "420," or "40"

Tractors ☐

"530," "630," "730,"

"520," "620," or "720"

Tractors ☐

800 Series Hitch ☐

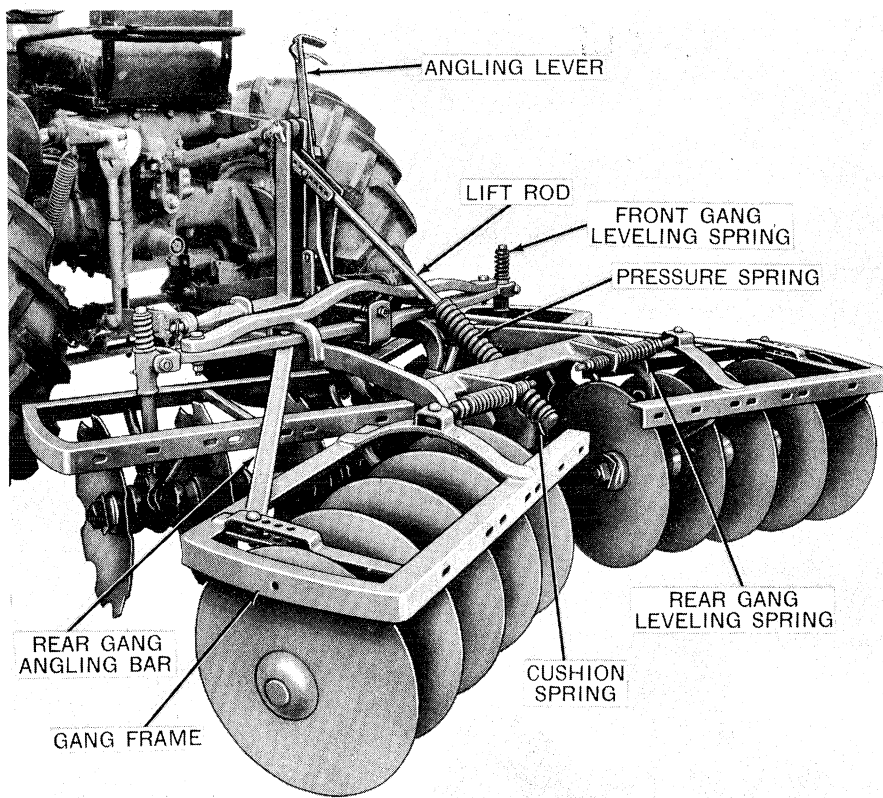
Date Purchased _____

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THE COMPLETE OBSERVANCE of one simple rule would prevent many thousand serious injuries each year. THAT RULE IS: "NEVER ATTEMPT TO CLEAN, OIL, OR ADJUST A MACHINE WHILE IT IS IN MOTION."



B 234

Model "KBY" 6-Foot Disk Harrow Mounted on a "430" Series Tractor

SPECIFICATIONS

The Model "KBY" Lift-Type Disk Harrow is a flexible, integral harrow available in 6-, 7-, 8-, and 9-foot sizes. The John Deere Tractors recommended for the various sizes of harrows are listed below:

Size	Disk Spacing	Disks per Gang	Size of Disk	John Deere Series Tractors
6'	9-1/2"	4	18"	430, 530, 630, 730, 420, 520, 620, 720, 40, 50, 60, or 70
6'	9-1/2"	4	20"	430, 530, 630, 730, 420, 520, 620, 720, 40, 50, 60, or 70
6'	7-1/8"	5	18"	430, 530, 630, 730, 420, 520, 620, 720, 40, 50, 60, or 70
6'	7-1/8"	5	20"	430, 530, 630, 730, 420, 520, 620, 720, 50, 60, or 70
6'	9 1/2" F. 7 1/8" R.	4 5	18"	430, 530, 630, 730, 420, 520, 620, 720, 40, 50, 60, or 70
6'	9 1/2" F. 7 1/8" R.	4 5	20"	430, 530, 630, 730, 420, 520, 620, 720, 40, 50, 60, or 70
7'	7-1/8"	6	18"	530, 630, 730, 520, 620, 720, 50, 60, or 70
7'	7-1/8"	6	20"	530, 630, 730, 520, 620, 720, 60, or 70
8'	7-1/8"	7	18"	530, 630, 730, 520, 620, 720, 60, or 70
8'	7-1/8"	7	20"	530, 630, 730, 520, 620, 720, 60, or 70
9'	7-1/8"	8	18"	630, 730, 620, 720, 60, or 70
9'	7-1/8"	8	20"	630, 730, 620, 720, or 70

NOTE: The John Deere "430," "420," and "40" Series Tractors must be equipped with a 3-point hitch. The John Deere "530," "630," "730," "520," "620," and "720" Series Tractors must be equipped with a Universal 3-Point Hitch. The John Deere "50," "60," and "70" Series Tractors must be equipped with an 800 Series Hitch.

These disk harrows can be used with other tractors equipped with a standard 3-point hitch and in the power class of the tractors recommended for the different size harrows in the table at the left.

DISKING DEPTH . . . Controlled hydraulically by the rockshaft control lever on tractor.

ANGLE OF GANGS . . . Adjustable with lever control.

REAR GANG ANGLE . . . Adjustable, independently of front gang.

FURROW LEVELING BLADE . . . Available as special equipment.

(Specifications and design subject to change without notice.)

Be Careful



THE LIFE YOU SAVE MAY BE YOUR OWN...

NATIONAL SAFETY COUNCIL

OPERATION

PREPARING THE TRACTOR

For complete operating instructions concerning the tractor, refer to the tractor Operator's Manual.

"430," "420," or "40" SERIES TRACTORS.

Rear Wheel Tread.

Set the tractor rear wheel tread 54 inches or less, center-to-center of tires, and equal distance from the center line of the tractor.

Front End Weighting.

Front end stability is necessary for efficient operation and safety. Therefore it is important that the proper weight be added to the front end of the tractor.

Add 300 pounds of weight to the front end of the tractor when using a "430," "420," or "40" Series Tractor.

Lift Links.

Attach the lift links to the inner holes in the rockshaft lift arms.

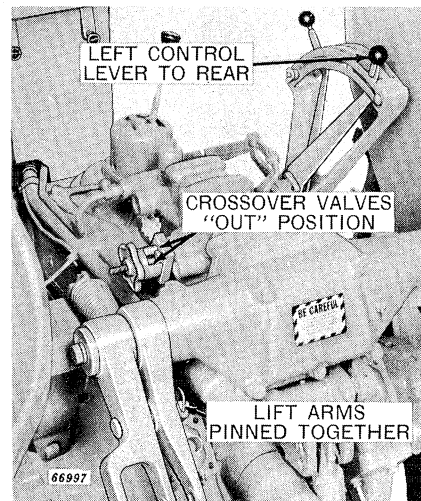
Set the length of the left-hand lift link as recommended in the tractor Operator's Manual. The right-hand lift link is adjustable for leveling the disk harrow.

Pin the sway stop chains to the outer holes on each side of the center hole in the drawbar bracket.

Belt Pulley.

The belt pulley must be removed from the tractor, if tractor is so equipped.

Tractors with Dual Touch-o-matic.



Parallel Cylinders ("430" Tractor)

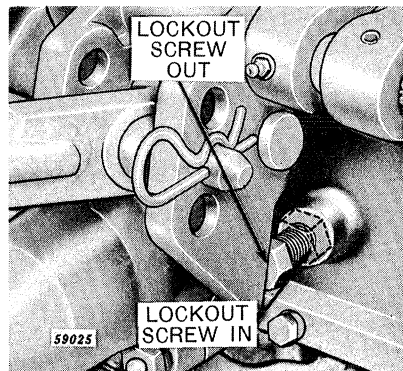
On tractors with dual Touch-o-matic, pin the rockshaft lift arms together with the lift arm lock pin so they will work in parallel to obtain maximum lifting capacity.

The inside or left-hand control lever must be moved to the extreme rear of the quadrant and locked in position with the quadrant lock. Adjust the Touch-o-matic system so integral cylinders are parallel and the lift arms operate together.

Load Control Yoke.

The Model "KBY" Disk Harrow is usually used with the load control action of the tractor locked out. To lock out the load control action, turn the load control screw out against the yoke.

If desired, the load control action of the tractor can be used. To use the load control action, turn in the load control screw.

Upper Link.**Load Control Yoke and Lockout Screw**

Attach the upper link to the load control yoke in the least sensitive position, if the disk harrow is used with the load control action of the tractor locked out.

If the load control action of the tractor is being used, attach the upper link to the center hole in the load control yoke when operating in favorable field conditions.

The upper link can be attached to the most sensitive position in the load control yoke when operating in adverse field conditions.

“530,” “630,” “730,” “520,” “620,” OR “720” SERIES TRACTORS.**Rear Wheel Tread.**

Set the tractor rear wheel tread 66 inches or less, center-to-center of tires, and equal distance from center line of tractor.

Front End Weighting.

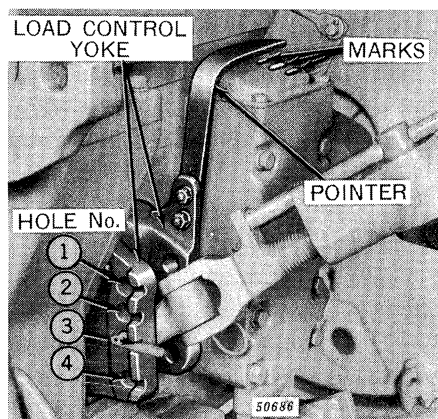
Front end stability is necessary for efficient operation and safety. Therefore, it is important that the proper weight be added to the front end of the “530,” “630,” “520,” and “620” Series Tractors when using certain sizes of disk harrows.

The following weights are recommended:

“530” or “520” Series Tractors			
Size of Disk Harrow	Single Front Wheel	Roll-O-Matic	Adjustable Front Axle
7-Foot	275 Lbs.	225 Lbs.	0
8-Foot	450 Lbs.	400 Lbs.	150 Lbs.

“630” or “620” Series Tractors			
Size of Disk Harrow	Single Front Wheel	Roll-O-Matic	Adjustable Front Axle
9-Foot	250 Lbs.	200 Lbs.	0

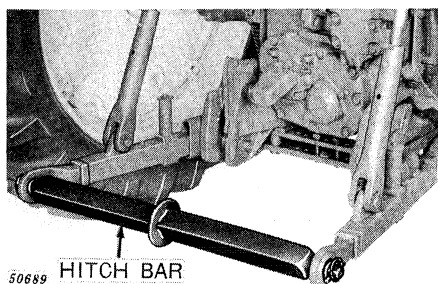
Load Control Yoke.



Load Control Yoke

Install the upper link in **Hole No. 3** of the load control yoke.

Hitch Bar.



Implement Hitch Bar

Attach the implement hitch bar between the two draft links.

"50," "60," OR "70" TRACTORS WITH 800 SERIES HITCH.

For complete operating instructions concerning the 800 Series Hitch, consult the Operator's Manual furnished with the hitch.

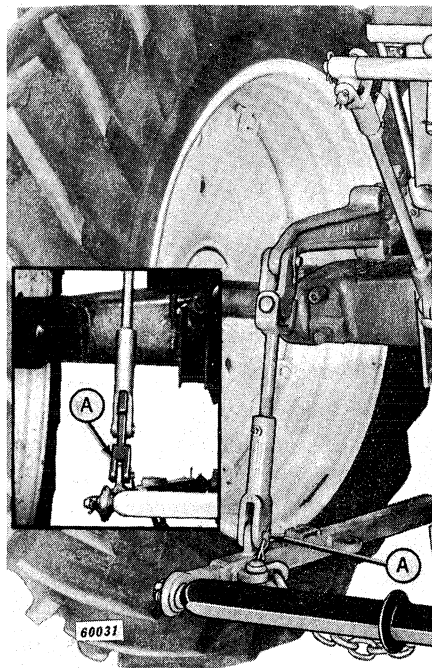
Front End Weighting.

Use front end tractor weights for necessary tractor stability.

Rear Wheel Tread.

Set the tractor rear wheel tread 66 inches or less, center-to-center of tires, and equal distance from center line of tractor.

Lift Link Extensions.



Lift Link Extensions

When attaching the disk harrow to a "70" Tractor, it is necessary to use lift link extensions on the 800 Series Hitch lift links.

Attach the lift link extension "A," (see inset) on the right- and left-hand lift links.

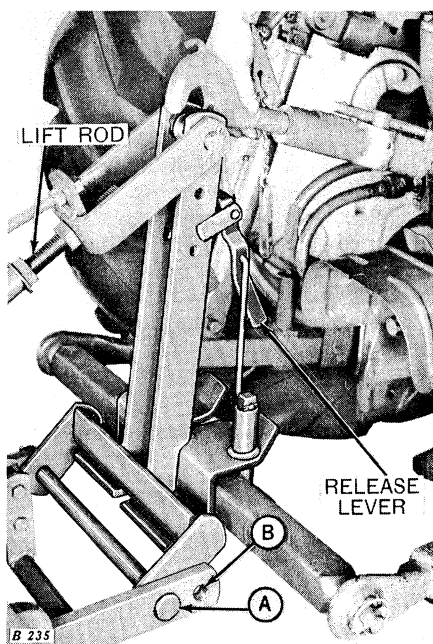
Hitch Bar.

Attach the implement hitch bar between the two draft links.

ATTACHING DISK HARROW TO TRACTOR

The hitch adapter can be attached to the main frame in either of two locations, "A" or "B," depending on the tractor, the size of the tractor tires, and the size of the disk harrow. Always attach the hitch adapter so the harrow will not contact the tractor tires.

After the hitch adapter is attached to the main frame, adjust the lift rod so hitch mast is exactly vertical.



For "530," "630," "730," "520," "620," "720," "50," "60," or "70" Tractors.

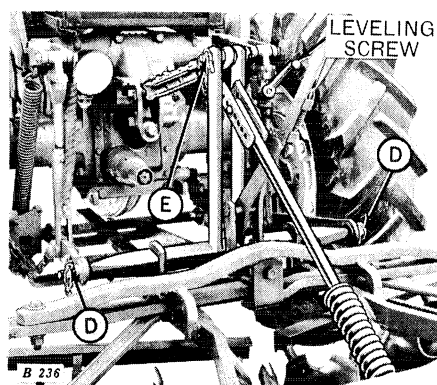
Raise the double locking bars with the release lever.

Back the tractor into the disk harrow so the hitch bar enters the lower jaws with the flange on the hitch bar centered in the slot between the lower jaws.

Lock the hitch bar in the lower jaws by lowering the release lever.

Raise the disk harrow so the upper link can be attached to the mast.

For "430," "420," or "40" Series Tractors.



Back the tractor into the disk harrow.

Attach the two draft links of the tractor at "D," and the upper link at "E."

For All Tractors.

Adjust length of upper link with disk harrow in lowered position so mast, which connects to the upper link, is exactly vertical.

TRANSPORTING

A warning lamp bracket socket is furnished on all 8- or 9-foot Model "KBY" Disk Harrows.



When transporting the disk harrow on a public road at night, or during other peri-

ods of poor visibility, use a warning lamp at the extreme left-hand side of the disk harrow or tractor, which-ever extends farther to the left-hand side. Hang a red flag on the rear of the disk harrow when transporting during the day.

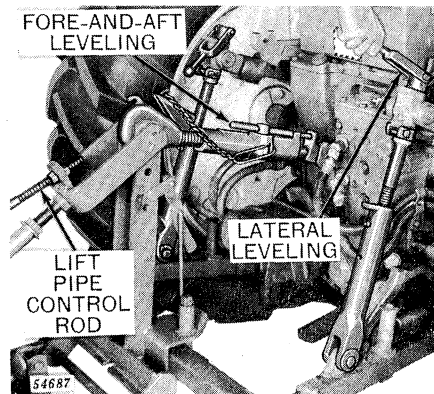
LEVELING

MAIN FRAME.

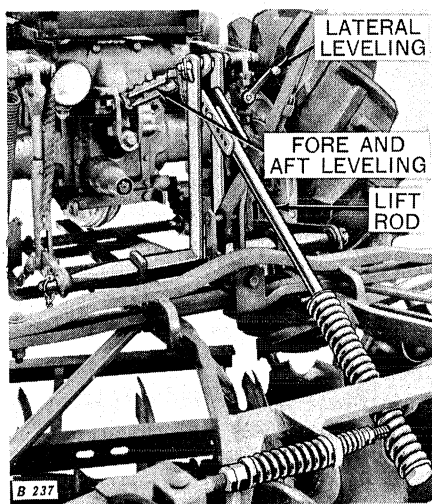
The main frame can be adjusted fore-and-aft so the rear gangs will cut shallower, deeper, or level with the front gangs.

The main frame must be adjusted laterally so the outer ends of the right-hand gangs cut the same depth as the outer ends of the left-hand gangs.

For "430," "420," and "40" Series Tractors.



Leveling Main Frame



Leveling Main Frame

The upper link of the tractor hitch controls the fore-and-aft leveling of the disk harrow main frame.

The leveling screw crank of the tractor controls the lateral leveling of the main frame.

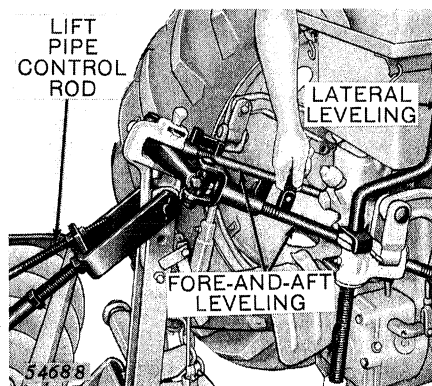
For "530," "630," "730," "520," "620," and "720" Tractors.

The upper link of the tractor hitch controls the fore-and-aft leveling of the disk harrow main frame.

On the 7-, 8-, and 9-foot disk harrows, adjust lift pipe control rod so that there is a small amount of slack in the rear gang lift chains. The slack will allow the rear gangs to flex and follow the contour of the ground when the disk harrow is in working position.

The leveling crank on the right-hand lift link of the tractor hitch controls the lateral leveling of the main frame.

For "50," "60," and "70" Tractors.



Leveling Main Frame

The upper links of the tractor hitch control the fore-and-aft leveling of the disk harrow main frame.

On the 7-, 8-, and 9-foot disk harrows, adjust lift pipe control rod so that there is a small amount of slack in the rear gang lift chains. The slack will allow the rear gangs to flex and follow the contour of the ground when the disk harrow is in working position.

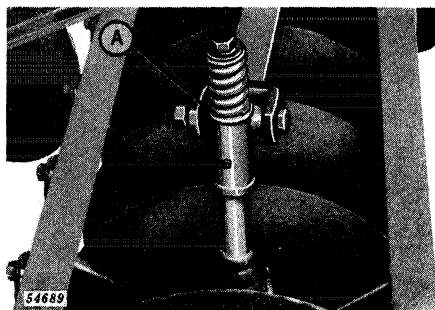
The leveling screw crank of the tractor hitch controls the lateral leveling of the main frame.

FRONT AND REAR GANGS.

Due to the curvature of the disk blades, the outer ends of the front gangs will tend to penetrate deeper than the inner ends. On the rear gangs the inner ends will tend to penetrate deeper.

The amount of penetration will vary in different soil conditions. However, the gangs can be adjusted to cut level regardless of soil conditions.

Front Gangs.

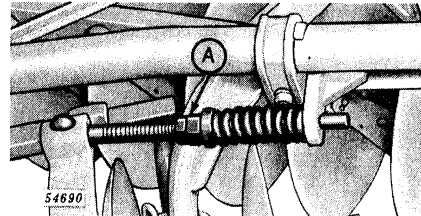


Leveling Front Gangs

Each front gang has a leveling adjustment. If outside end of either front gang penetrates deeper than the inner end, remove spacer under the spring and bushing at "A" (right-hand front gang illustrated) and place spacer on top of spring

and flat washer. This will raise the outside end of front gang.

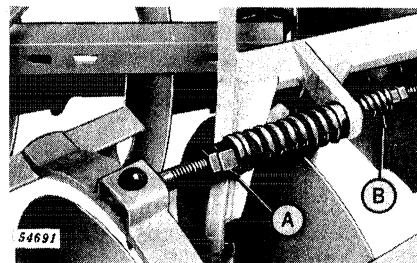
Rear Gangs.



Leveling Rear Gangs on 7-, 8-, and 9-Foot Sizes

Each rear gang has a leveling adjustment. If inside end of either rear gang penetrates deeper than the outer end, tighten the spring by adjusting nuts at "A" (left-hand rear gang illustrated).

If outside end of either rear gang penetrates deeper than the inner end, adjust nuts at "A" to relieve pressure on spring.



Leveling Rear Gangs on 6-Foot Size

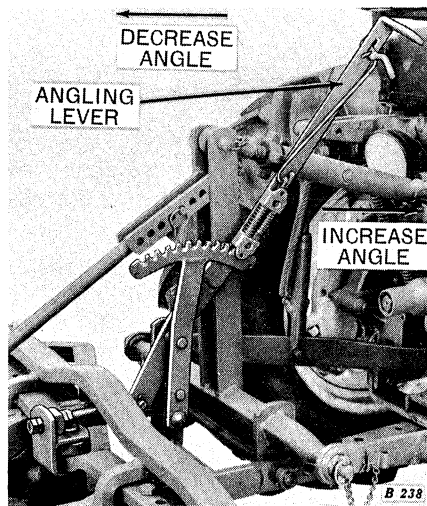
The 6-foot size Model "KBY" has a spring "B" inside each main frame bracket. This spring does not need to be adjusted tight, because it acts as a cushion when transporting the disk harrow.

ANGLING GANGS

Front and Rear Gangs.

The angle of the gangs will determine the disking depth. For maximum penetration, set the gangs at the full cutting angle.

If full cutting angle results in excessive penetration, the hydraulic control lever of the tractor can be used to regulate disking depth or the angle of the gangs can be reduced.

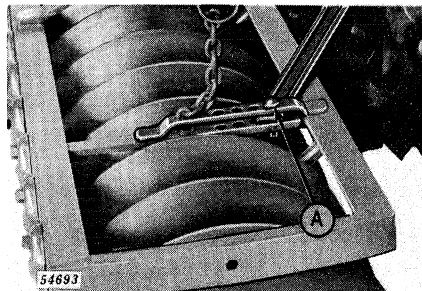


Angling Front and Rear Gangs

Pull the angling lever all the way forward to obtain maximum cutting angle and push the angling lever all the way back to obtain minimum cutting angle.

Rear Gangs Only.

In soft soil or trashy conditions it is sometimes desirable to change the angle of the rear gangs in order to do a better job of leveling.



Changing Angle of Rear Gangs

When rear gang angling bars are pinned to rear gang frames at "A", the rear gangs are set at the same angle as the front gangs. To reduce the angle of the rear gangs, pull pins "A," and move the rear gangs forward and pin rear gang angling bars in one of the other holes in rear gang frames.

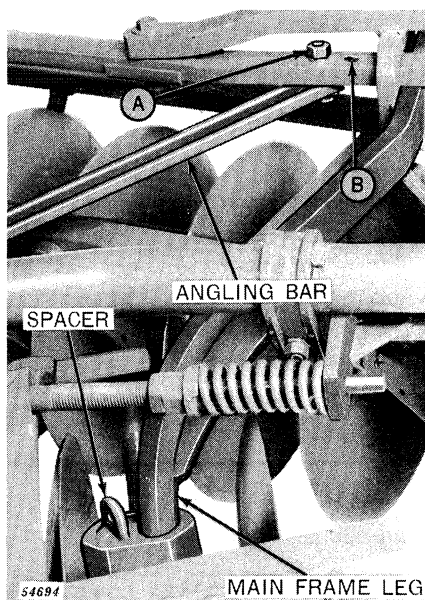


LATERAL ADJUSTMENT OF REAR GANGS

The variations in soil from one field to another, and sometimes in the same field, can have an effect on the way the rear gangs level the dirt.

The rear gangs on the Model "KBY" can be set in a wide or narrow lateral position.

Certain field conditions or tractor speeds may make it necessary to change this lateral position to eliminate a ridge or furrow between the rear gangs.



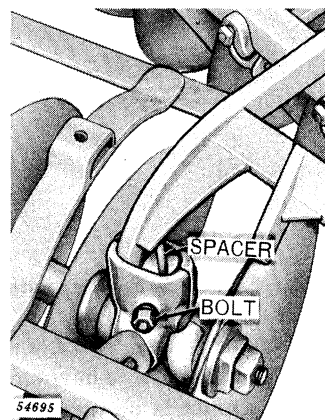
Rear Gangs in Wide Setting

When the disk harrow is equipped with 20-inch disk blades, the wide

lateral setting is recommended; that is with the spacers to the outside of the main frame legs.

The rear gang angling bars must be bolted in holes at "A" when the rear gangs are in the wide lateral setting.

To place the rear gangs in the narrow lateral setting, it is necessary to remove bolts and spacers.



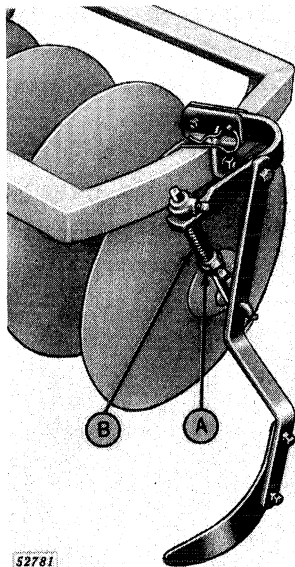
Rear Gangs in Narrow Setting

Move the rear gangs inward and place spacers to the inside of the main frame legs.

The rear gang angling bars must be bolted in holes "B" when the rear gangs are in the narrow lateral setting.

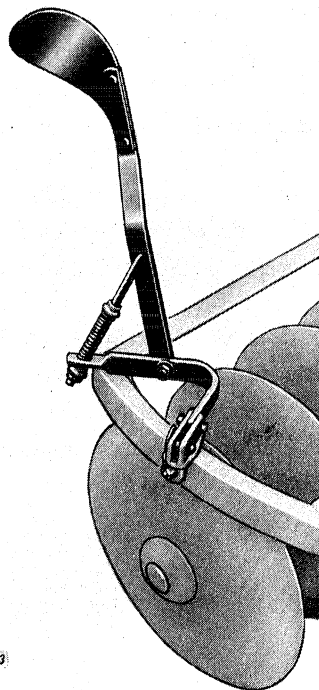
OUTSIDE FURROW LEVELING BLADE

This attachment will fill and level the furrow left by the outer rear gang disk blades when disking in plowed or loose ground.



Outside Furrow Leveling Blade

Adjust collar "A" against spring "B," after disk harrow is in the field, so that the shovel is pulling enough dirt to fill in the furrows left by the outside disks.



Outside Furrow Leveling Blade

The attachment can be raised up over the gang frame for transporting, passing through gates, or disking close to fences, etc.

Refer to page 21 for assembly instructions.

SAFETY SUGGESTIONS



Be careful when operating a disk harrow, to avoid injury to yourself and your helpers.

Do not grease, oil, or adjust a farm machine that is in motion.

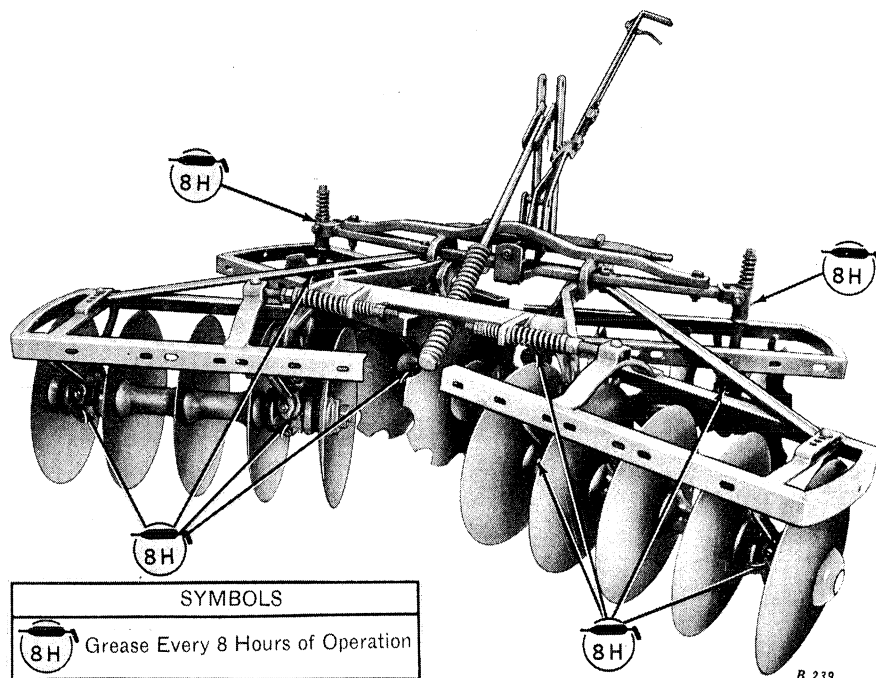
Never ride, or permit others to ride, on the drawbar of the tractor

or on the disk harrow.

Only one person—the operator—should be permitted on the tractor platform while the tractor and disk harrow are in operation.

Finally, remember this: An accident is usually caused by someone's carelessness, neglect, or oversight.

LUBRICATION



Wipe dirt from fittings before greasing. If a grease fitting is lost, replace it immediately. Lubricate all parts thoroughly with an SAE multi-purpose type grease, but avoid ex-

cessive lubrication. Excess lubricant gathers dust.



Do not oil or grease a machine while in motion.

MAINTENANCE SUGGESTIONS

To insure maximum penetration and satisfactory performance, keep the cutting edge of the disks sharp. Dull disks will not penetrate properly, and will do a poor job of mixing the trash in the soil. Be sure disks are free from rust before operating disk harrow.

Keep all bolts tightened securely.

NOTE: After any replacement of disk or bearing parts be sure to draw up nut on end of gang bolt very tight. Failure to do this will result in break-

age or loss of parts. When attaching gang frame standards to bearing, be sure to draw up bolts as tightly as possible.

Repaint all parts necessary and protect all unpainted surfaces with a good rust-preventive grease or oil.

Inspect your disk harrow after the disking season and replace worn or broken parts promptly so that your disk harrow will be ready for use when needed.

ASSEMBLY

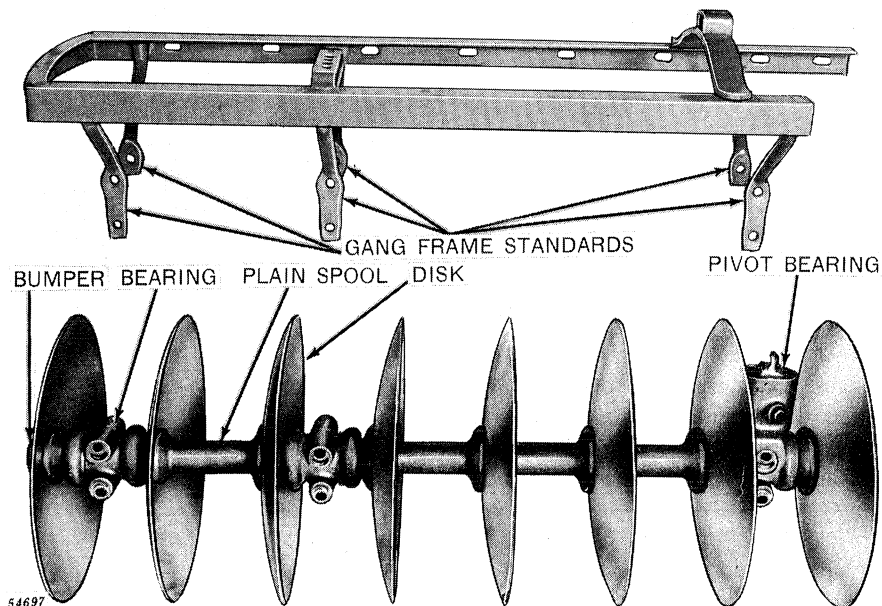
GANGS

The four gang frames with gang bolts, bearings, and spools are shipped in one bundle. The gang frames are stenciled right front, left front, right rear, and left rear. Arrange the gang frames on the floor or ground in this order, and place each gang

frame on its side. Remember, the disks on the front gangs must be assembled to throw the dirt out and the disks on the rear gangs must be assembled to throw the dirt in.

Remove bearings and plain spools from the gang bolts.

REAR GANGS.



Right Rear Gang—9-Foot Size

Always use the gang frame standards as a guide for placing bearings on gang.

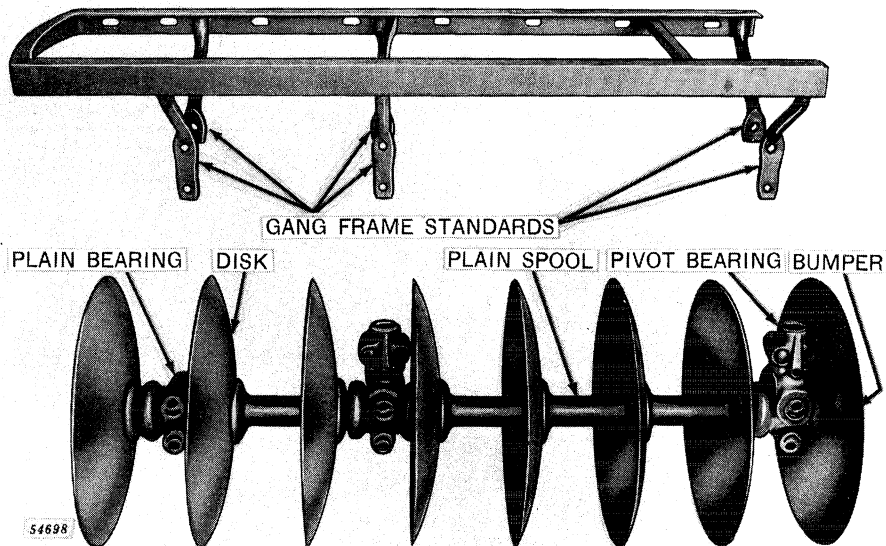
Install a disk blade next to the bumper on the gang bolt. Next, install a bearing. Then install a disk blade and then a plain spool. Proceed in this manner, making sure

that a bearing is installed in the proper place to line up with the bearing standard on the gang frame.

NOTE: Be sure that the bearing on which the pivot bearing is installed, is the last bearing put on the gang.

Install gang bolt nuts. See page 15.

FRONT GANGS.



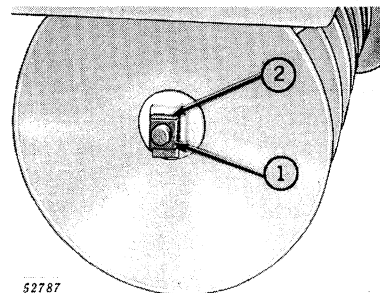
Right Front Gang—9-Foot Size

Always use the gang frame standards as a guide for placing bearings on gang.

Install a disk blade next to the bumper on the gang bolt. Next, install a bearing which has the pivot bearing attached to it. Then install another disk blade and then a plain spool. Proceed in this manner, making sure that a bearing is installed in the proper place to line up with the bearing standard on the gang frame. *NOTE: Be sure that the plain bearing is the last one installed.*

GANG BOLT NUTS.

1. Tighten the gang bolt nut very tight with the flat side of the nut to the outside. After the nut is tightened, tap the bumper end of the gang bolt with a hammer, and then re-tighten gang bolt nut.



Gang Bolt Nut

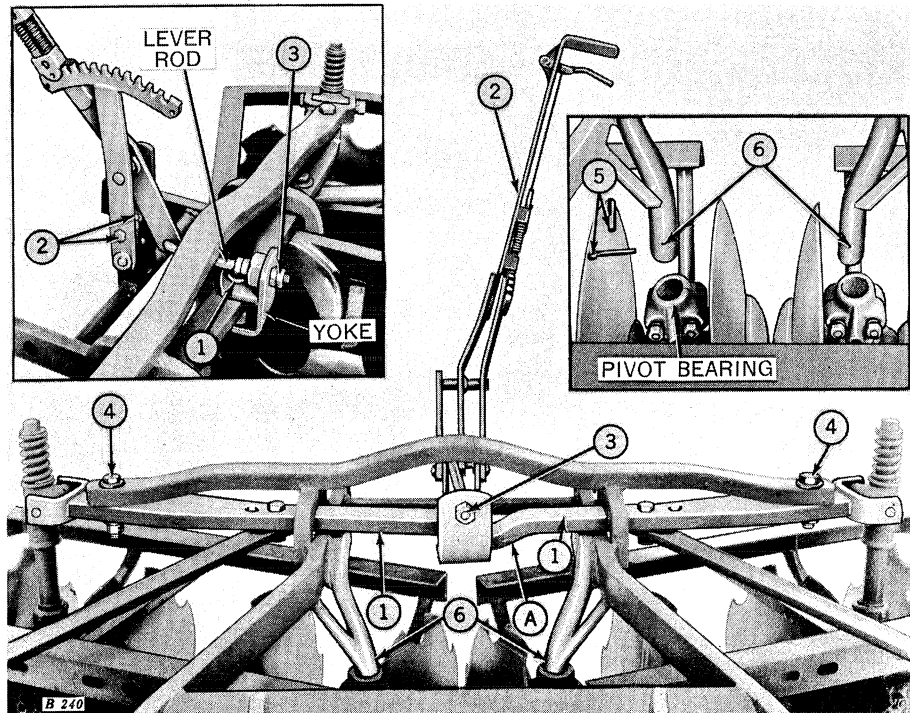
2. Bend the nut lock down over gang bolt nut.

GANG FRAMES AND GANGS.

After assembling the disk blades on all four gangs, roll each disk gang in place so the holes in the disk bearings line up with the holes in the gang frame standards.

Bolt disk gangs to gang frame standards.

ANGLING ARMS, ANGLING LEVER, MAIN FRAME, AND FRONT GANGS



1. Install the right- and left-hand angling arms in main frame and pin them to the yoke. The right-hand angling arm has an offset bend in the end. This offset end must be installed in the adjusting yoke as illustrated at "A," to insure maximum angle of the front gangs.

NOTE: The angling lever and lever rack may be installed so the angling lever will be on the right-hand side of the hitch for right-handed operators or on the left-hand side of the hitch for left-handed operators.

2. Attach the lever rack and angling lever to the main frame with two bolts.

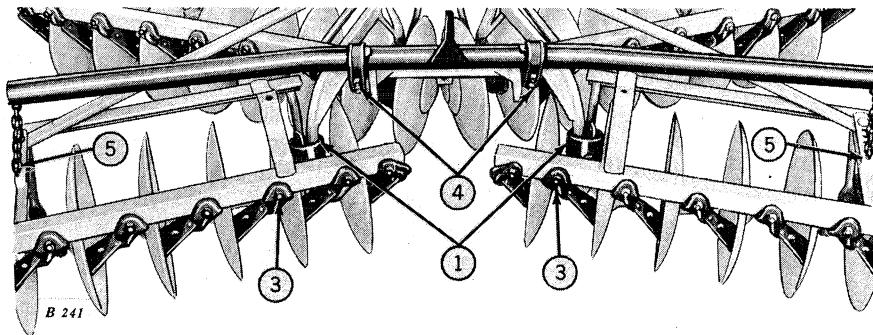
3. Attach the lever rod to the yoke.

4. Bolt the angling arms to the main frame.

5. Remove cotter pin and tapered pin from rear half of each pivot bearing. (See inset.)

6. Lower front legs of main frame into pivot bearings on front gangs. It is not necessary to loosen bolts in pivot bearings to do this. Reinstall tapered pins into pivot bearings and through holes in main frame legs after main frame is lowered into position. Replace cotter pins in pivot bearings.

REAR GANGS AND SCRAPERS

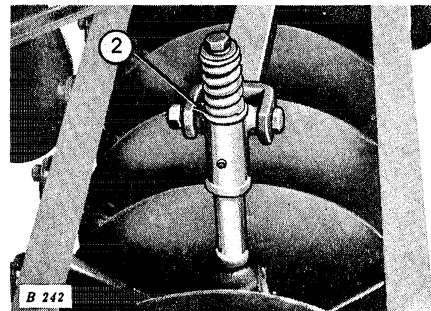


1. Place rear gangs in position, as illustrated, and insert rear legs of main frame into pivot bearings. See page 11 for placing rear gangs in wide or narrow lateral setting.

2. Attach outer ends of front angling bars to guides.

3. Attach scrapers. Adjust scraper blades so the scraping edge of blade is flush against disk and makes good contact its entire width.

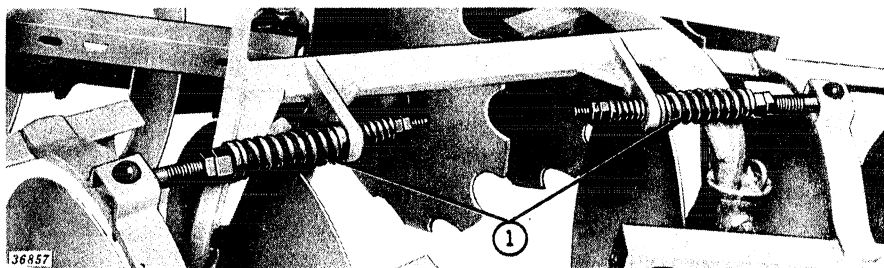
4. On the 7-, 8-, and 9-foot sizes, attach the rear gang lift pipe. Make sure that the locking lugs are on the



inside of the "U" shaped attaching brackets.

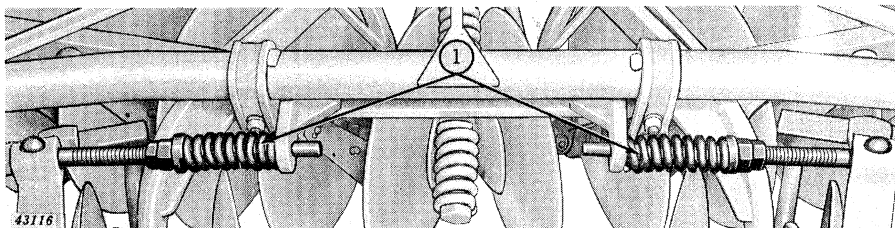
5. Attach lifting chains with cotter pin, on the 7-, 8-, and 9-foot sizes.

REAR GANG LEVELING DEVICE (6-Foot Size Only)



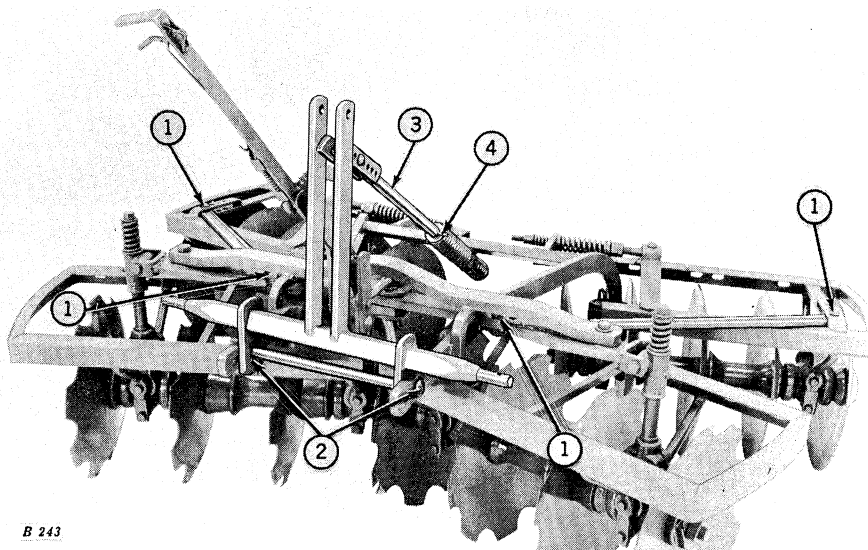
1. Install rear gang leveling devices.

REAR GANG LEVELING DEVICE (7-, 8-, and 9-Foot Sizes)



1. Install rear gang leveling devices.

ANGLING BARS, HITCH ADAPTER, AND LIFT ROD FOR "430," "420," OR "40" SERIES TRACTORS



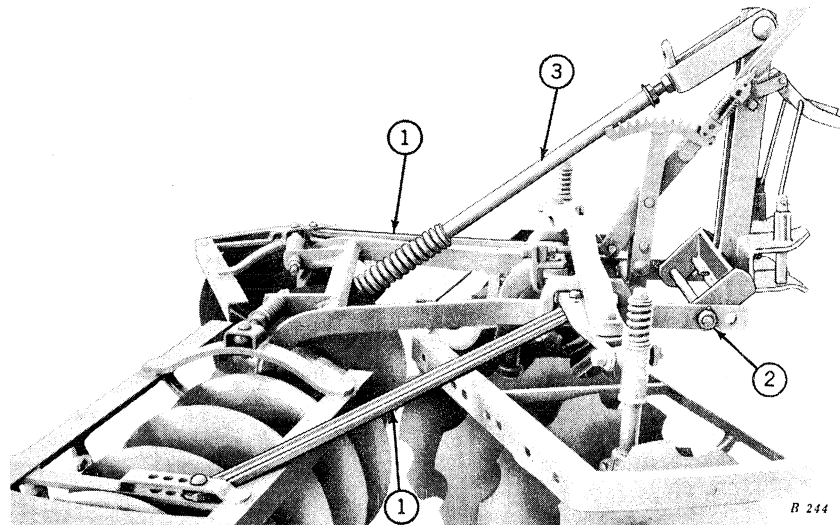
1. Attach rear gang angling bars to outer holes in the angling arms if rear gangs are in widest lateral position. If gangs are in narrow position, attach to inside holes. Attach angling bars to forward holes in rear frames.

2. Attach hitch adapter so disk harrow will not contact the tractor tires when hitched to tractor.

3. Attach lift rod. Install short spring in position and insert rod through bracket on rear of main frame. Place long spring and washer on rod and connect rod to mast, so mast is exactly vertical.

4. Insert cotter pin in front of flat washer. It is necessary to attach disk harrow to tractor and raise harrow, to install cotter pin.

ANGLING BARS, HITCH ADAPTER, AND LIFT ROD FOR "530," "630," "730," "520," "620," OR "720" SERIES TRACTORS

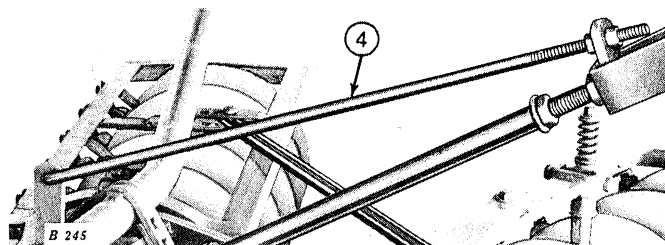


1. Attach rear gang angling bars to outer holes in the angling arms if rear gangs are in widest lateral position. If gangs are in narrow position, attach to inside holes. Attach angling bars to forward holes in rear frames.

2. Attach hitch adapter so disk harrow will not contact tractor tires when hitched to tractor.

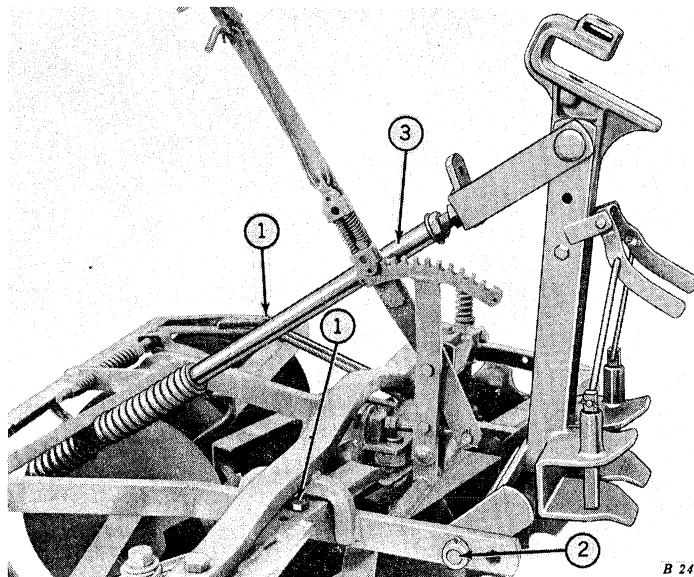
3. Attach lift rod. Install short spring in position and insert rod through bracket on rear of main frame. Place long spring and washer on rod and slide pipe over threads. Lock in position by tightening jam nut. Thread on a second nut and attach bracket to lift rod. Pin bracket to mast using large rivet and cotter pin. Adjust lift rod so hitch adapter mast is exactly vertical.

7-, 8-, AND 9-FOOT SIZES ONLY.



4. When the hitch adapter is perpendicular to the main frame, attach the rear gang lift rod. Adjust the rod so that there is some slack in the lift chains of the outside gangs when the harrow is in the lowered position.

ANGLING BARS, HITCH ADAPTER, AND LIFT ROD FOR 800 SERIES HITCH

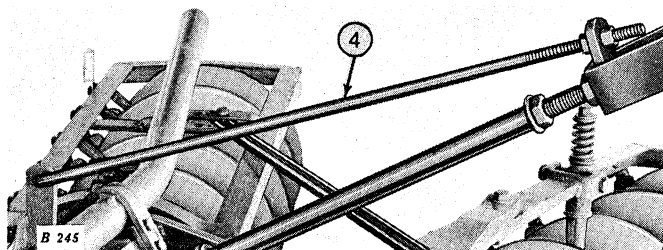


1. Attach rear gang angling bars to outer holes in the angling arms if rear gangs are in widest lateral position. If gangs are in narrow position, attach to inside holes. Attach angling bars to forward holes in rear frames.

2. Attach hitch adapter so disk harrow will not contact the tractor tires when hitched to tractor.

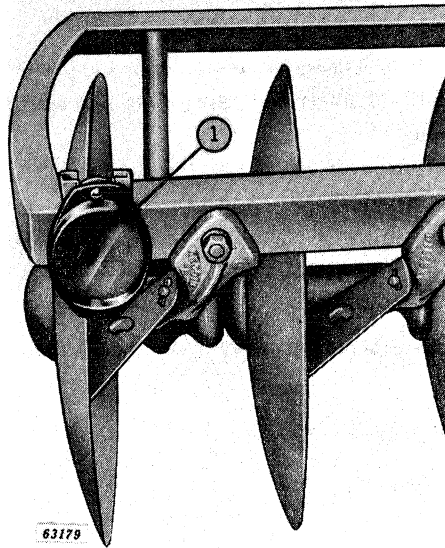
3. Attach lift rod. Install short spring in position and insert rod through bracket on rear of main frame. Place long spring and washer on rod and slide pipe over threads. Lock in position by tightening jam nut. Thread on a second nut and attach bracket to lift rod. Pin bracket to mast using large rivet and cotter pin. Adjust lift rod so hitch adapter mast is exactly vertical.

7-, 8-, AND 9-FOOT SIZES ONLY.



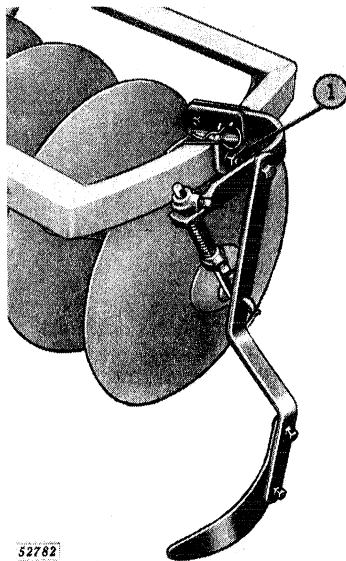
4. When the hitch adapter is perpendicular to the main frame, attach the rear gang lift rod. Adjust the rod so that there is some slack in the lift chains of the outside gangs when the harrow is in the lowered position.

WARNING LAMP BRACKET SOCKET AND REFLECTORS FOR 8- AND 9-FOOT SIZES



1. A warning lamp bracket socket, two reflectors, and two reflector brackets were wired on the front of the left rear gang frame. Attach the socket and one reflector and reflector bracket to outer end of left-hand rear gang frame. Attach the other reflector and reflector bracket to outer end of right-hand rear gang frame.

OUTSIDE FURROW LEVELING BLADE



1. Install the leveling attachment on the outside end of the rear gangs.

PARTS LIST

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:

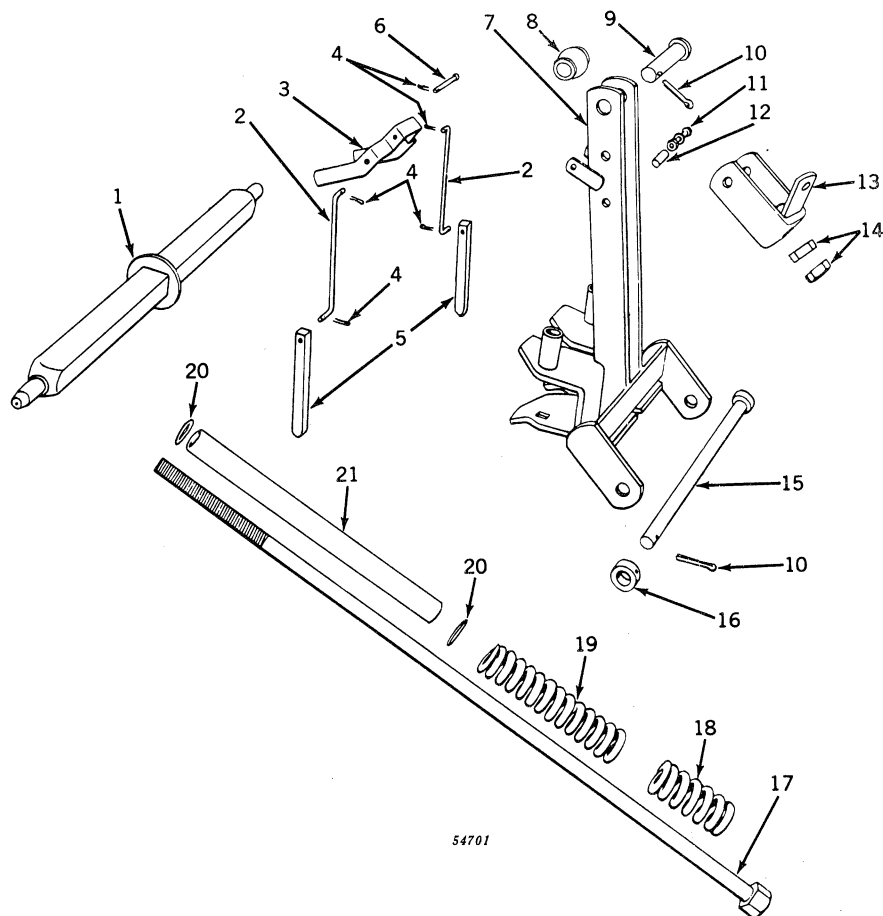
- (a) Give model number of your disk harrow.
- (b) Give part number and quantity wanted.

CONTENTS

	<i>Page</i>
Hitch Adapter for "530," "630," "730," "520," "620," and "720" Series Tractors.....	23
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**HITCH ADAPTER FOR "530," "630," "730," "520," "620," AND
"720" SERIES TRACTORS**

23



Key Part No.

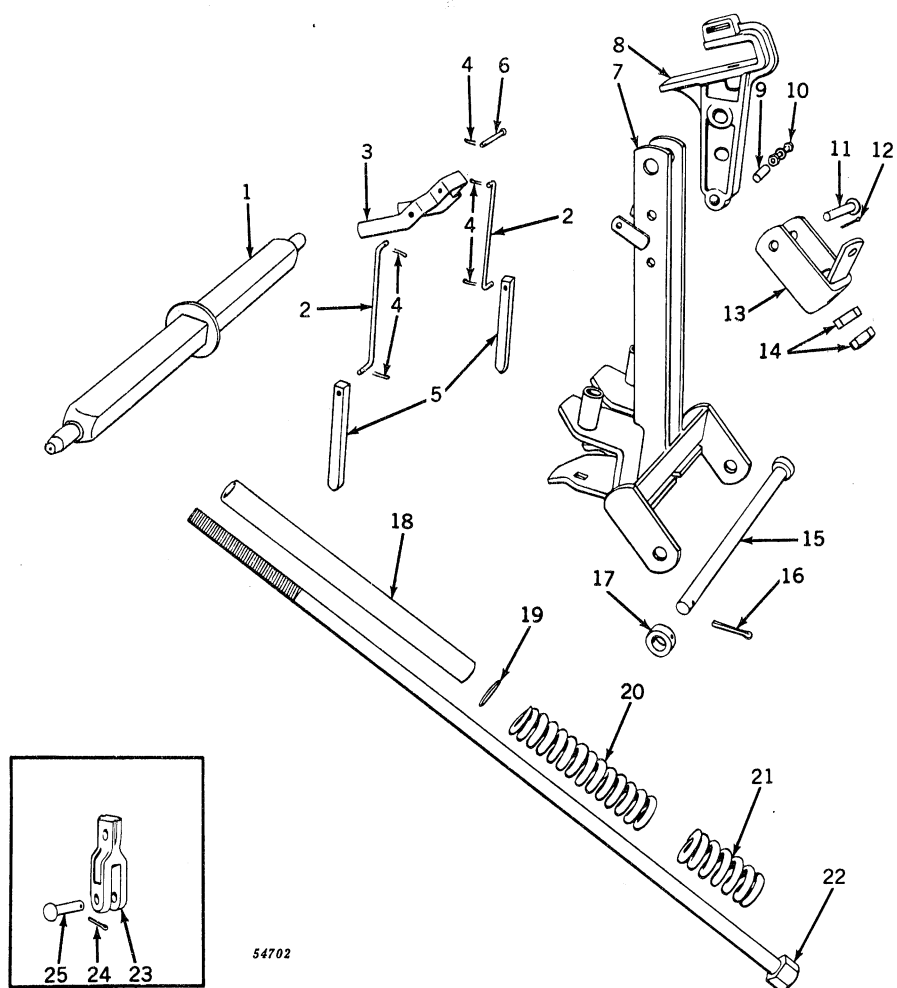
1	AF 3147 R
2	KK 5412 B
3	KK 5415 B
4	11H 38 R
5	KK 5416 B
6	P 1802 B
7	AK 3284 B
8	F 2681 R
9	KK 5621 B
10	11H 117 R
11	7H 1182 N
12H	13 R

Bolt
Washer

Key Part No.

12	KK 3367 B
13	AK 3550 B
14	14H 487 N
15	KK 5425 B
16	KK 5372 B
17	KK 5584 B
18	KK 4486 B
19	KK 2772 B
20	24H 641 A
21	KK 5588 B

No. 800 SERIES HITCH ADAPTER FOR "50," "60," AND "70" SERIES TRACTORS



Key Part No.

1	AF 3147 R
2	KK 5412 B
3	KK 5415 B
4	11H 38 R
5	KK 5416 B
6	P 1802 B
7	AK 3284 B
8	P 819 A
9	P 2372 B
10	(7H 1182 N 12H 13 R
11	KK 5621 B
12	11H 113 R

Bolt
Washer

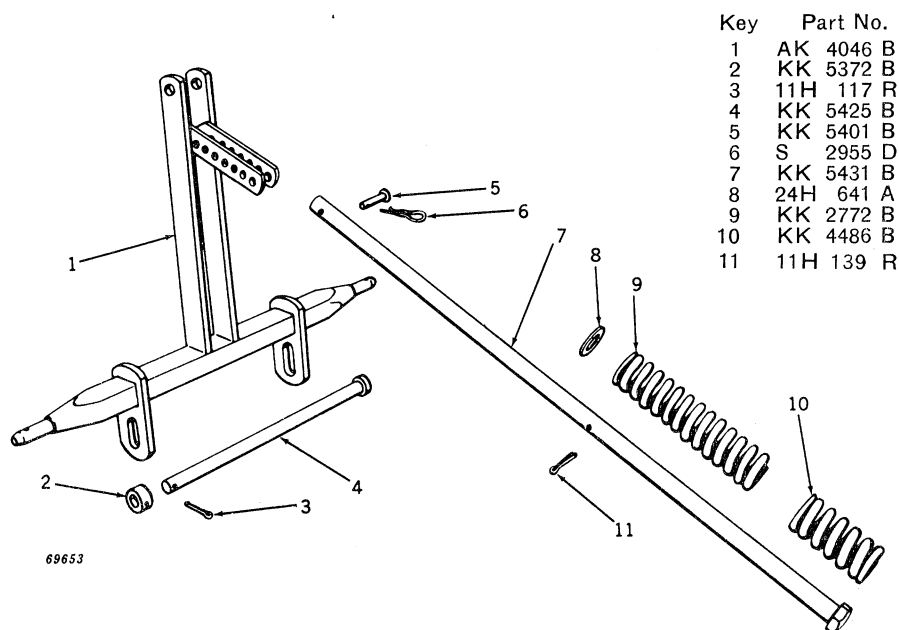
Key Part No.

13	AK 3550 B
14	14H 487 N
15	KK 5425 B
16	11H 117 R
17	KK 5372 B
18	KK 5588 B
19	24H 641 A
20	KK 2772 B
21	KK 4486 B
22	KK 5584 B
23	P 2893 B
24	11H 82 R
25	KK 4517 B

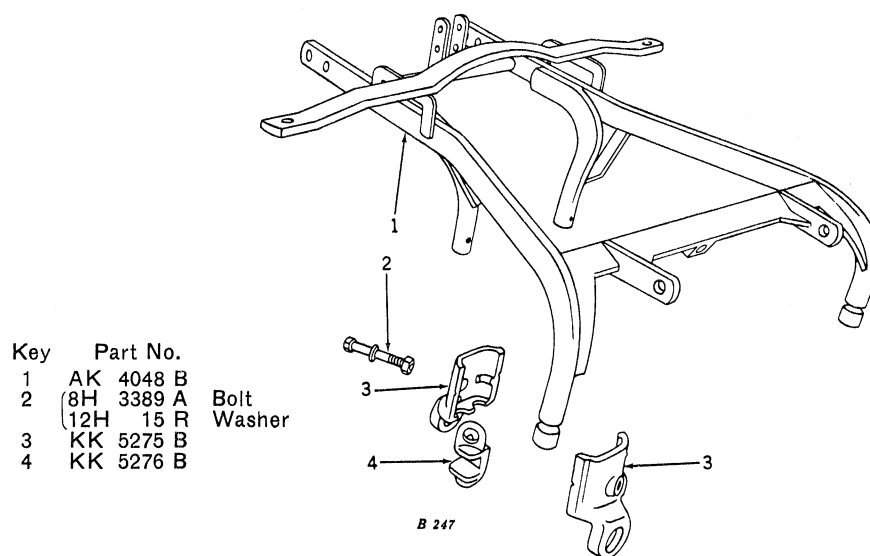
"70" Tractor
"70" Tractor
"70" Tractor

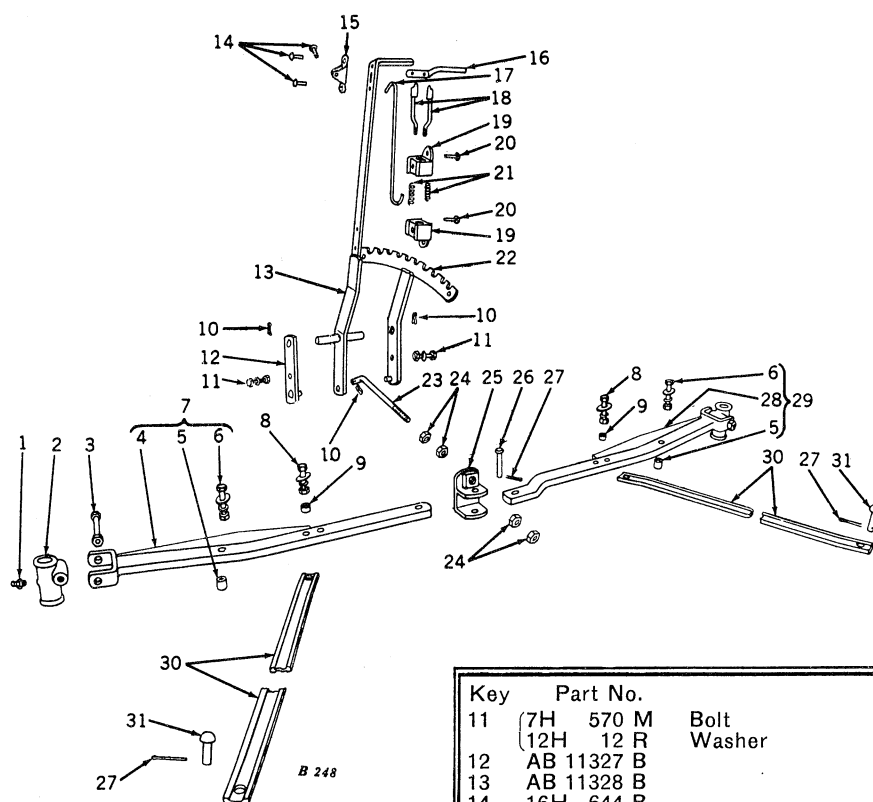
HITCH ADAPTER FOR "430," "420," AND "40" SERIES TRACTORS (6-Ft. Only)

25



MAIN FRAME AND PIVOT BEARINGS





Key	Part No.
-----	----------

1	JD 7759	
2	KK 5277 B	
3	8H 2562 N	
4	(AK 3911 B	L.H., 6-Ft.
	(AK 3909 B	L.H., 7-, 8-, and 9-Ft.
5	KK 5941 B	
6	(8H 3576 B	Bolt
	(24H 658 B	Washer
7	(AK 3919 B	L.H., 6-Ft.
	(AK 3921 B	L.H., 7-, 8-, and 9-Ft.
8	(8H 974 H	Bolt
	(24H 489 A	Washer, Plain
	(12H 15 R	Washer, Lock
9	P 492 B	
10	11H 84 R	

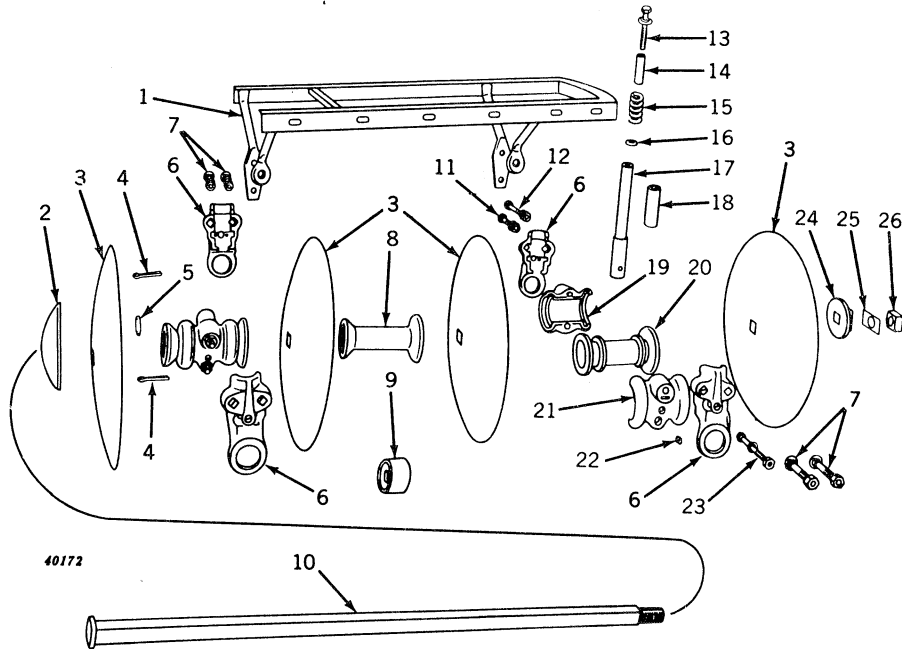
Key	Part No.
-----	----------

11	(7H 570 M	Bolt
	(12H 12 R	Washer
12	AB 11327 B	
13	AB 11328 B	
14	16H 644 B	
15	16117 A	
16	13826 A	
17	B 10634 B	
18	Y 4935 BD	
19	B 10601 B	
20	16H 674 A	
21	1291 A	
22	AB 11329 B	
23	B 12003 B	
24	14H 350 A	
25	AK 2871 B	
26	KK 5297 B	
27	11H 82 R	
28	(AK 3910 B	R.H., 6-Ft.
	(AK 3908 B	R.H., 7-, 8-, and 9-Ft.
29	(AK 3918 B	R.H., 6-Ft.
	(AK 3920 B	R.H., 7-, 8-, and 9-Ft.
30	(KK 5278 B	6-Ft.
	(KK 5279 B	7-, 8-, and 9-Ft.
31	KK 4780 B	

FRONT DISK GANG

27

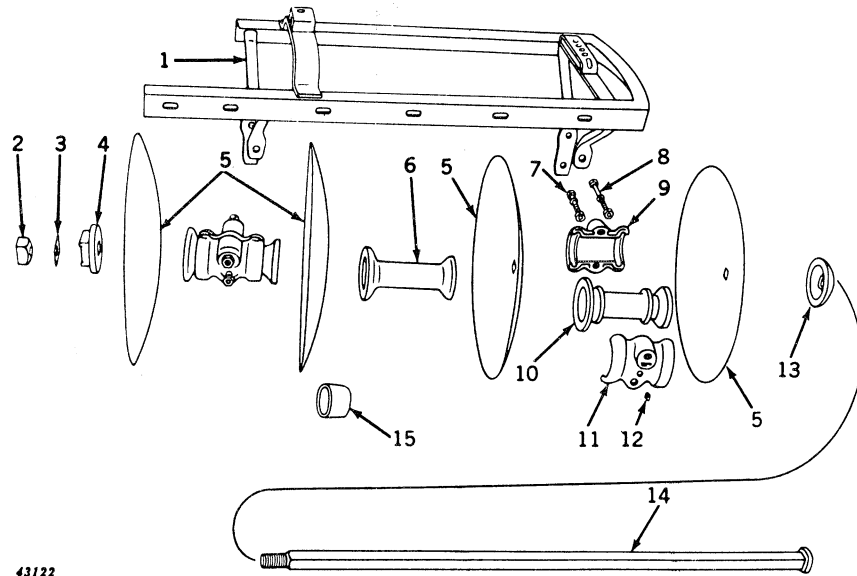
(Right-Hand Illustrated)



Key	Part No.	
1	AK 2878 B	R.H., 6-Ft.
	AK 2879 B	L.H., 6-Ft.
	AK 2882 B	R.H., 7-Ft.
	AK 2883 B	L.H., 7-Ft.
	AK 2886 B	R.H., 8-Ft.
	AK 2887 B	L.H., 8-Ft.
	AK 3288 B	R.H., 9-Ft.
	AK 3289 B	L.H., 9-Ft.
2	B 10478 B	
3	K 1684 B	18"
	K 1658 B	18" Heavy
	K 1670 B	18", Cut-Out
	K 1685 B	20"
	K 1671 B	20", Cut-Out
4	11H 115 B	
5	KK 4699 B	
6	KK 4677 B	
7	2H 676 R	Bolt
	12H 13 R	Washer
8	B 12334 B	
9	B 10411 B	6-Ft. (9-1/2" Spacing)
10	B 10481 B	6-Ft.
	K 1737 B	7-Ft.
	B 10482 B	8-Ft.
	B 10483 B	9-Ft.

Key	Part No.	
11	7H 1186 B	Bolt
	12H 257 A	Washer
12	8H 3889 B	Bolt
	12H 257 A	Washer
13	14H 259 R	Nut
	12H 15 R	Washer, Lock
14	KK 5430 B	
15	KK 1498 B	
16	KK 5299 B	
17	KK 5280 B	
18	KK 5349 B	
19	KK 6003 B	
20	KK 5971 B	
21	KK 6004 B	
22	JD 7759	
23	7H 1169 N	Bolt
	12H 12 R	Washer
24	KK 3745 B	
25	K 1498 B	
26	14H 26 B	

(Right-Hand Illustrated)

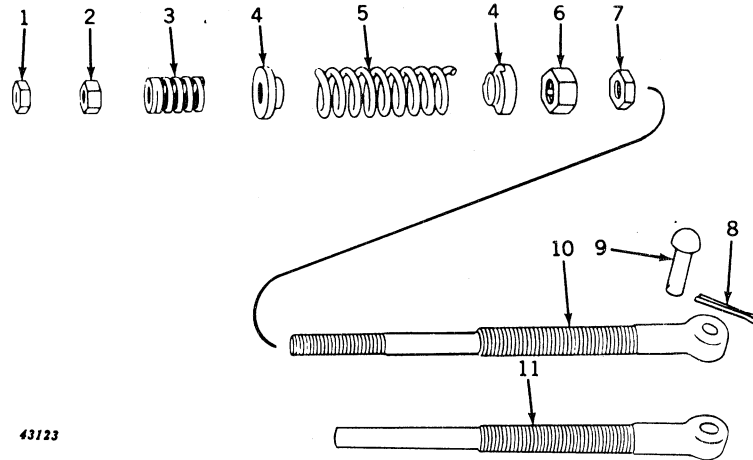


Key	Part No.	
1	AK 2880 B	R.H., 6-Ft.
	AK 2881 B	L.H., 6-Ft.
	AK 3552 B	R.H., 7-Ft.
	AK 3553 B	L.H., 7-Ft.
	AB 10244 B	R.H., 8-Ft.
	AB 10245 B	L.H., 8-Ft.
	AB 10246 B	R.H., 9-Ft.
	AB 10247 B	L.H., 9-Ft.
2	14H 26 B	
3	K 1498 B	
4	KK 3745 B	
5	K 1684 B	18"
	K 1658 B	18" Heavy
	K 1670 B	18", Cut-Out
	K 1685 B	20"
	K 1671 B	20", Cut-Out

Key	Part No.	
6	B 12334 B	
7	7H 1186 B	Bolt
	12H 257 A	Washer
8	8H 3889 B	Bolt
	12H 257 A	Washer
	14H 259 R	Nut
9	KK 6003 B	
10	KK 5971 B	
11	KK 6004 B	
12	JD 7759	
13	KK 5225 B	
14	B 10481 B	6-Ft.
	K 1737 B	7-Ft.
	B 10482 B	8-Ft.
	B 10483 B	9-Ft.
15	B 10411 B	6-Ft. (9-1/2" Spacing)

REAR GANG LEVELING DEVICE

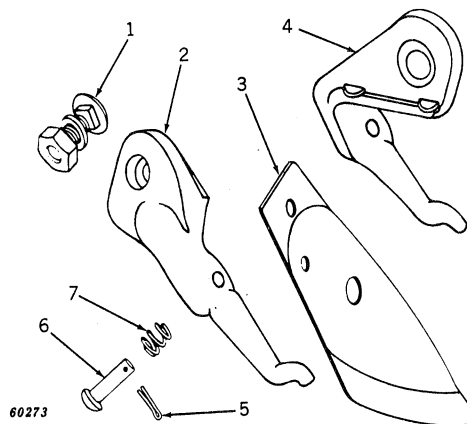
29



43123

Key	Part No.	
1	14H 350 A	6-Ft.
2	14H 263 R	6-Ft.
3	KK 5294 B	6-Ft.
4	KK 5283 B	
5	KK 5231 B	
6	14H 269 R	
7	14H 484 A	
8	11H 82 R	
9	KK 4517 B	
10	KK 5292 B	6-Ft.
11	KK 5582 B	7-, 8-, and 9-Ft.

SCRAPERS

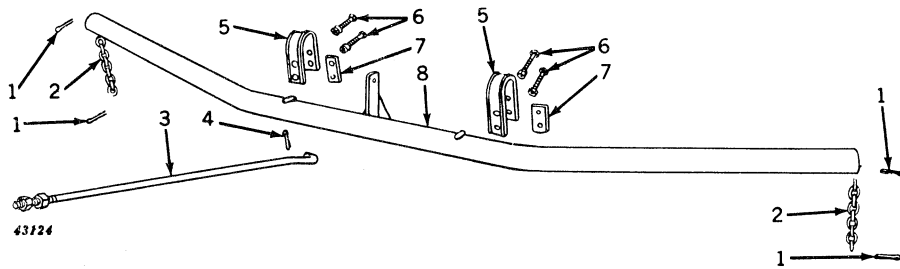


60273

Key	Part No.	
1	3H 1409 B	Bolt
	12H 301 B	Washer
2	B 10434 B	R.H. Front, L.H. Rear
	B 10435 B	L.H. Front, R.H. Rear
3	B 10446 B	R.H. Front, L.H. Rear
	B 10447 B	L.H. Front, R.H. Rear
4	B 10436 B	R.H. Front, L.H. Rear
	B 10437 B	L.H. Front, R.H. Rear
5	11H 58 M	
6	KK 4636 B	
7	B 1146 B	

REAR GANG LIFT PIPE

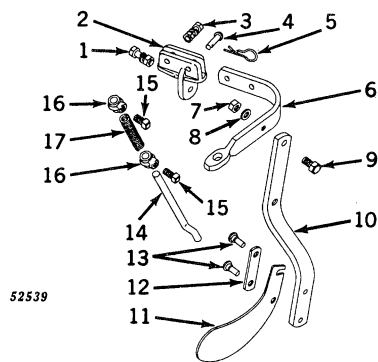
7-, 8-, and 9-Ft. Only

**Key Part No.**

1	KK 5763 B	
2	KK 5622 B	
3	KK 5583 B	Rod
	14H 263 R	Nut
4	11H 82 R	

Key Part No.

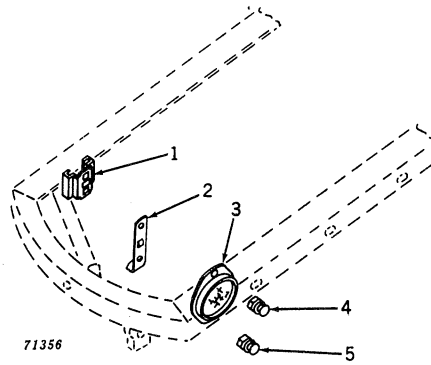
5	KK 5586 B	
6	7H 934 C	Bolt
	12H 13 R	Washer
7	KK 5616 B	
8	AK 3544 B	

FURROW LEVELING BLADE**Key Part No.**

1	7H 754 H	Bolt
	12H 13 R	Washer
2	KK 5928 B	R.H.
	KK 5929 B	L.H.
3	7H 384 N	Bolt
	12H 11 R	Washer
4	KK 5146 B	
5	S 2955 D	
6	KK 5931 B	
7	14H 346 A	
8	24H 477 A	
9	19H 457 R	
10	KK 5932 B	
11	KK 5934 B	R.H.
	KK 5935 B	L.H.
12	KK 5930 B	
13	KK 4239 B	
14	KK 5933 B	
15	22H 111 B	
16	G 2112 B	
17	H 2525 B	

WARNING LAMP BRACKET SOCKET AND REFLECTOR
(8- and 9-Ft.)

31



Key	Part No.			
1	JD	126	B	
2	B	12292	B	
3	JD	128	B	
4	21H	597	R	Bolt
	12H	9	R	Washer
	14H	609	E	Nut
5	21H	610	T	Bolt
	12H	9	R	Washer
	14H	609	E	Nut

MEMORANDA

This image shows a single page 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.



As a Member of the National Safety Council, we are privileged to use the Green Cross for Safety to designate not only our interest in Farm Safety, but to point out more clearly the safety precautions in this manual.

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

