TRACTOR
GRAIN BINDER
(8- AND 10-FOOT)

JOHN DEERE

OPERATORS MANUAL

TRACTOR GRAIN BINDER
(8- AND 10-FOOT)

OMW5152 (01JAN52) English

JOHN DEERE WELLAND WORKS
OMW5152 (01JAN52)

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ENGLISH

INTRODUCTION

Your John Deere Tractor Grain Binder has been declared by users to be the strongest, lightest-running, most accurate and dependable implement of its kind. Material and workmanship are the best. It will serve you in direct proportion to the care you give it.

The way you operate your binder and the care you give it will have much to do with the service and satisfaction you get from it. This manual has been carefully prepared and illustrated to show you what to do and when to do it. Make it your guide. Study it carefully and refer to it often. Keep it handy for quick reference. Only by following the instructions it contains can you hope to get the most from your investment.

If you find that you need information not covered in this manual see your John Deere dealer. He can give you prompt and efficient service in shop or field.

When in need of parts, go to your John Deere dealer. Be sure to give him the correct part number, and a complete description of the part. He is able to give you a complete parts service. **Save this manual** and refer to it when in need of replacements which are available at your John Deere dealers store.

Record the year your grain binder was purchased in the space provided below.

My John Deere Tractor Grain Binder was purchased.....

TABLE OF CONTENTS

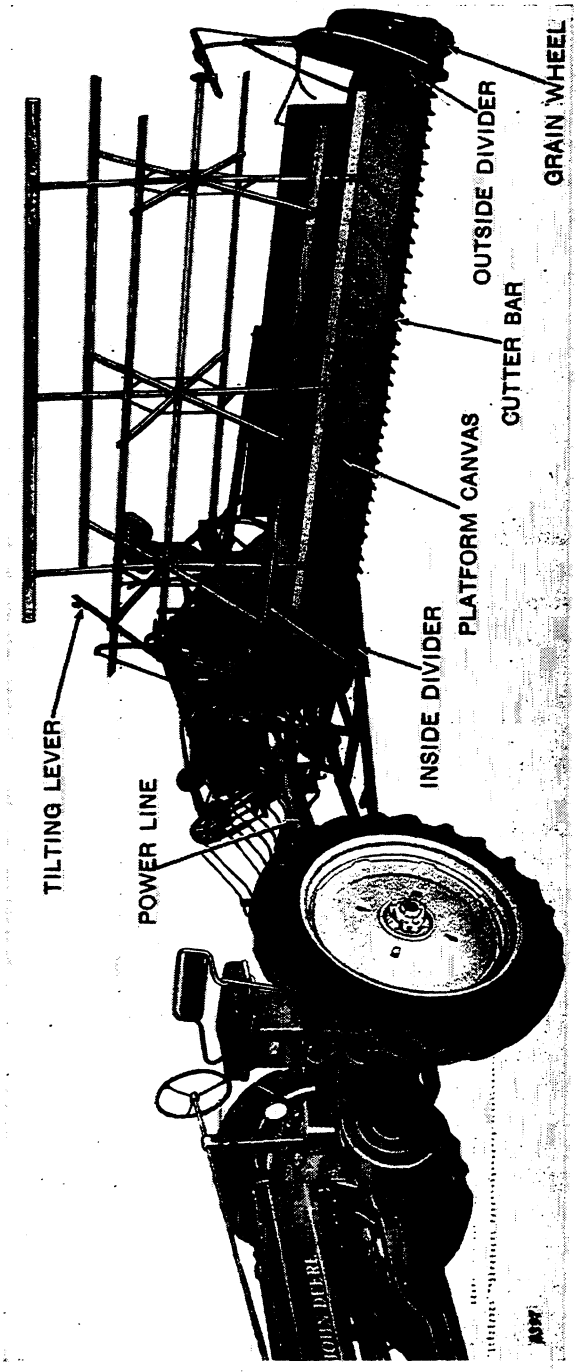


Figure 1—John Deere Tractor Grain Binder—Front View

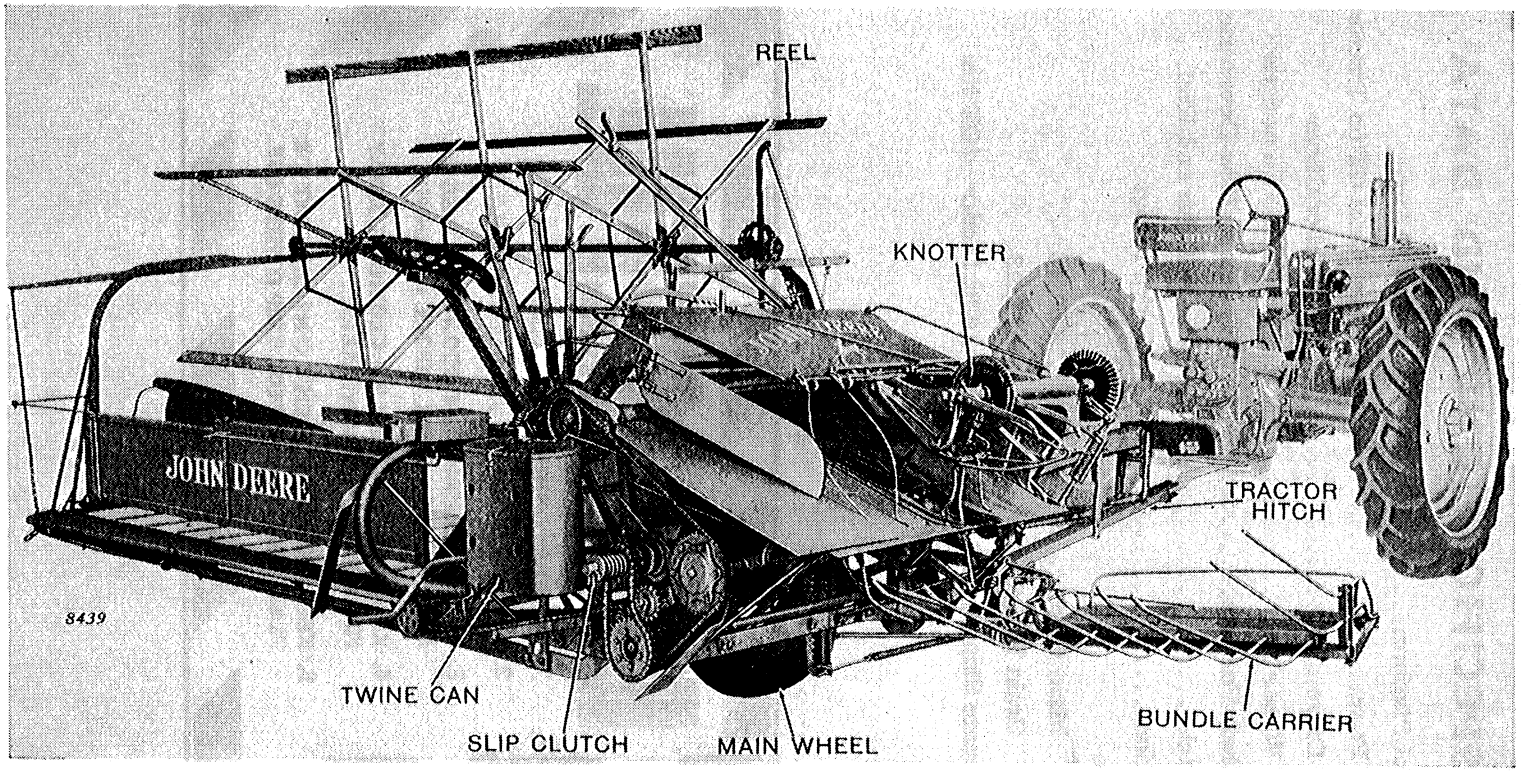


Figure 2—John Deere Tractor Grain Binder—Rear View

SPECIFICATIONS AND DATA

Length of Platform	8- and 10-foot
Type of Power	Power Take-Off on Tractor
Type of Drive	Steel Roller Chain
Type of Wheels	Pneumatic Tire or Steel
Power Shaft Bearings	Hyatt and New Departure
Slip Clutch	Power Drive and Reel
Lubrication	Zerk Fittings
Tire Size	
Main Wheel	7.50x16
Grain Wheel	4.00x18
Approximate Shipping Weight	10-ft. Binder—2060 lbs.

LUBRICATION

Proper lubrication of the Tractor Grain Binder is very important. It contributes much to the economical and efficient operation of the machine.

Chains and sprockets should be oiled except when working in dry, sandy conditions. A good grade of light cylinder oil should be used. A paint brush is a good thing to use when applying oil to chains. Steel Roller Chains should be cleaned regularly by soaking and dipping in kerosene. They should be dried well and oiled thoroughly before being used again.

Keep all knotter parts, small rollers, and faces of pinions well oiled.

Grease all moving parts and knotter parts well to prevent rust when not in use.

LINKAGES

When lubricating the binder, make a practice of putting a few drops of oil on all linkages, clevises and other moving parts. This will make them work easier and prolong their life.

Replace all missing grease fittings immediately.

LUBRICATION INTERVALS

Lubricate machine thoroughly twice each day—morning and noon. Lubricate bearings carrying fast moving parts in middle of forenoon and middle of afternoon.

LUBRICATION CHARTS

All lubrication points are illustrated on Pages 6, 7, 8 and 9. The illustrations have been grouped according to their location on the binder.

Pressure gun grease should be used on all fittings. Wipe dirt off all fittings before greasing. Do not over lubricate. Excessive grease will gather dust and dirt.

LUBRICATION

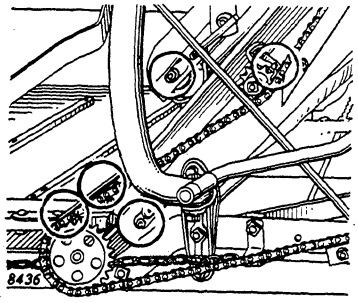


Figure 3—Elevator and Platform Roller Boxes

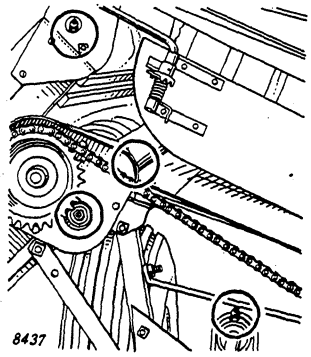


Figure 4—Elevator Roller Boxes and Gears

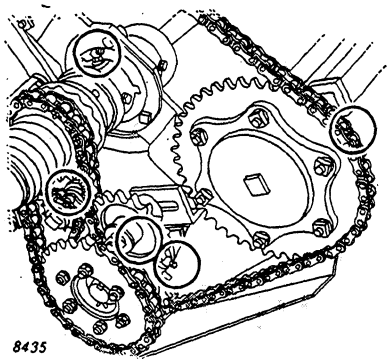


Figure 5—Main Drive

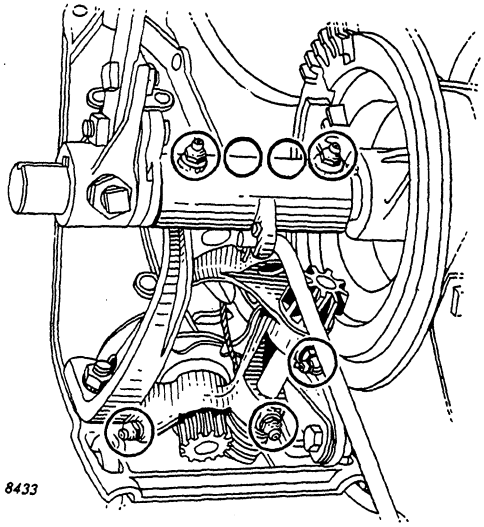


Figure 6—Knotter

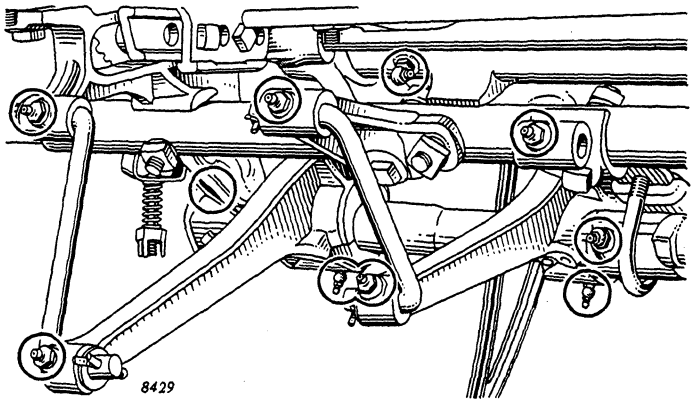


Figure 7—Packers and Packer Crank

LUBRICATION

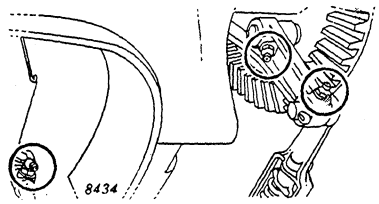


Figure 8—Adjuster Extension and Compressor Bell Crank

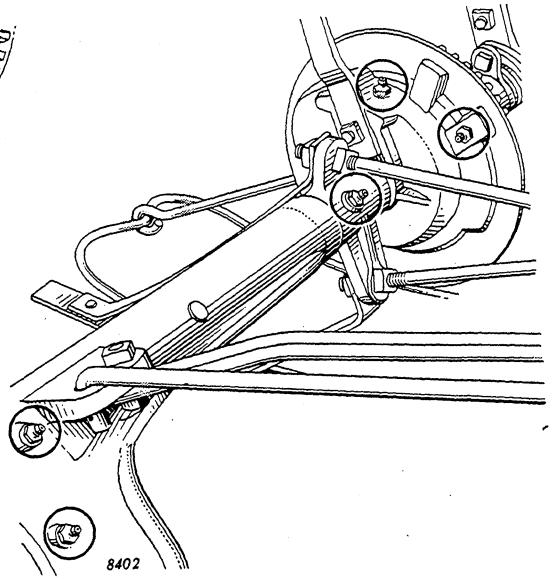


Figure 9—Knotter Shaft and Tyer Wheel

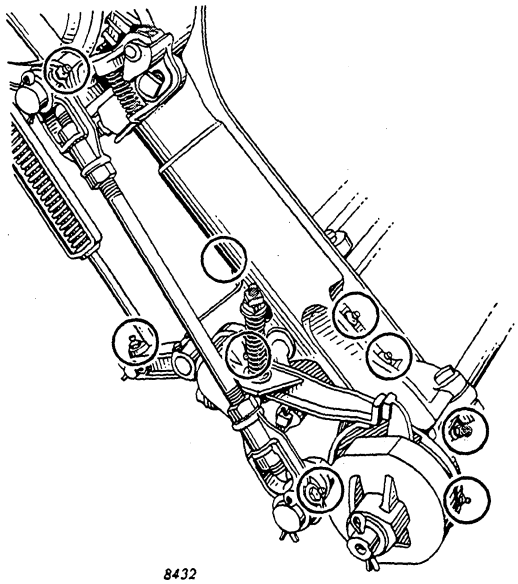


Figure 10—Needle Pitman and Trip Dog Pinion

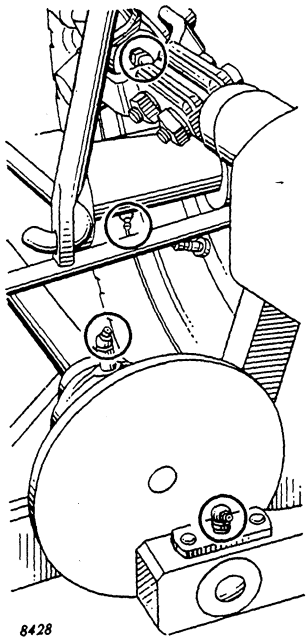


Figure 11—Main Wheel, Pitman and Pitman Shaft

LUBRICATION

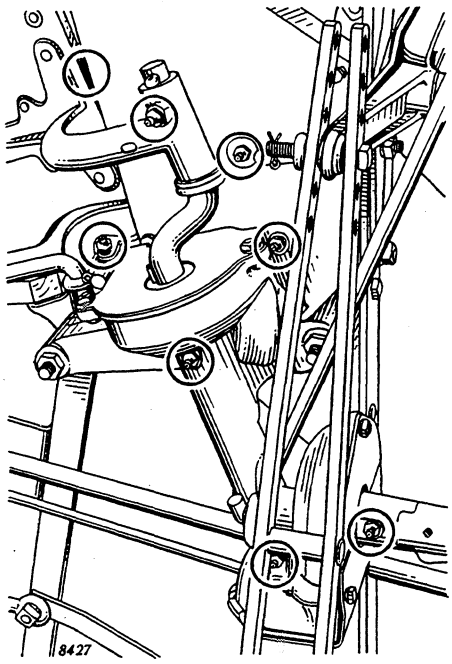


Figure 12—Elevator, Adjuster and Reel Drive

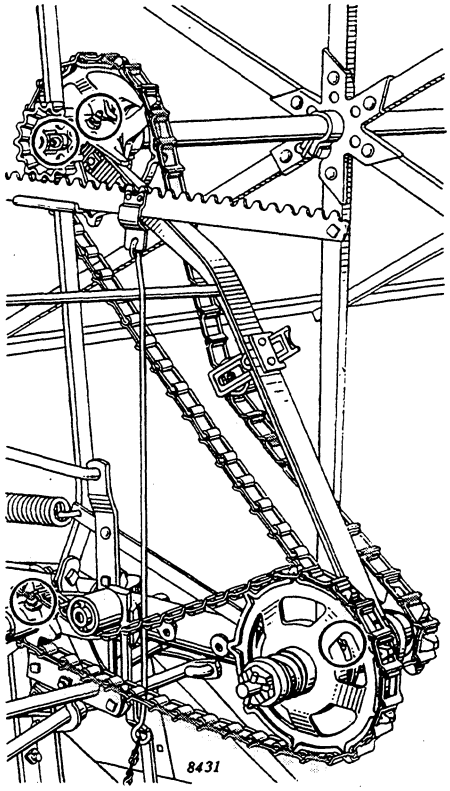


Figure 13—Reel Drive Slip Clutch

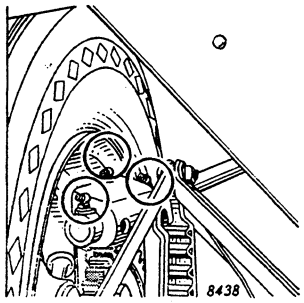


Figure 14—Main Wheel

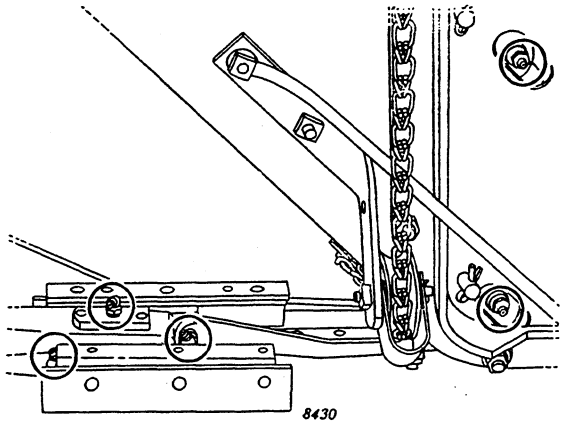


Figure 15—Sickle and Pitman and Elevator Roller Boxes

LUBRICATION

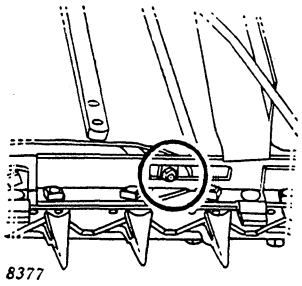


Figure 16—Outer Platform Roller

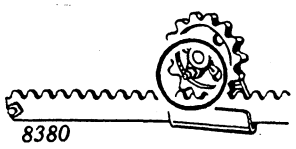


Figure 17—Outer Reel

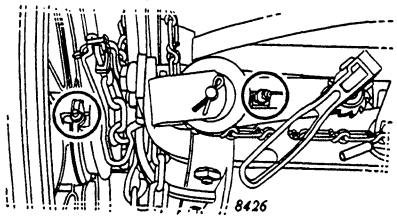


Figure 18—Grain Wheel and Outer Platform Roller

OPERATING AND ADJUSTING INSTRUCTIONS

GENERAL INSTRUCTIONS.

Successful operation of your John Deere Tractor Grain Binder depends largely upon proper lubrication and the proper adjustment of all levers, canvases and chains. The correct manipulation of levers for regulating height of cut, position of reel, position of binder attachment, butt adjuster and for tilting machine will meet varying field conditions and contribute to the satisfactory operation of the binder.

The binder should run in open field or along roadside for a few minutes before starting to cut grain. If this is impossible and it is necessary to cut a full swath, cut grain extra high. This will allow working parts to become loosened up before being subjected to a heavy load.

In average conditions the binder will do best work when traveling from 3 to 3-1/4 miles per hour. Avoid excessive travel and power shaft speeds. When necessary to turn sharply, slow tractor down.

The operator should listen for slipping clutches and make adjustments when necessary.

If trouble is experienced, determine where it exists before making adjustments. Make no adjustments until paint is worn off and all working parts are smooth. The binding attachment is carefully adjusted and tested at the factory and should give satisfactory performance with little or no adjustment.

NUMBER OF ACRES PER HOUR.

The following is a table showing the number of acres that can be cut with an 8-foot or 10-foot grain binder in one hour of continuous cutting at various speeds:

No. of Acres Cut in One Hour	Miles per Hour				
	2	2.5	3	3.5	4
With 8-Foot Binder	1.9	2.4	2.9	3.3	3.8
With 10-Foot Binder	2.4	3.0	3.6	4.2	4.8

THREADING BINDER

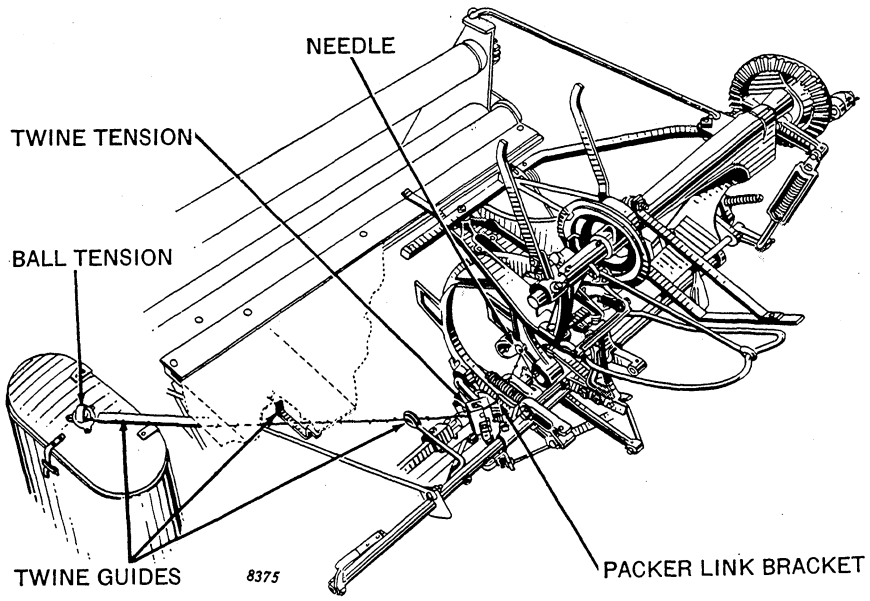


Figure 19—Threading Binder

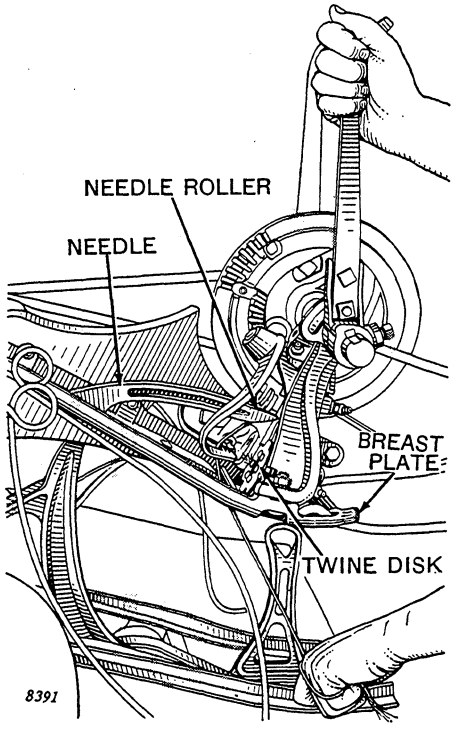


Figure 20—Placing Twine in Twine Disk

Broken twine is often due to binder not being properly threaded. In case of tying trouble, check threading of binder carefully. See Figures 19 and 20.

The proper route of the twine is as follows: From inside of ball, pass twine under tension ball and through guide in top of can, over brace (rear binder rest to elevator bracket) through guide under deck, through eye in twine guide, through roller tension, through eye in packer link bracket, through eye in hub of needle, then up and through needle and out over steel roller in point of needle. The twine is placed in the twine disk by holding end of twine securely between breast plate and binder deck and turning discharge arms around by hand (Figure 20).

LEVER OPERATION

Cutting Height.

The raising and lowering devices for the main wheel and grain wheel, together with the tilting lever and the adjustable tongue tilting connection straps, provide a wide range of adjustment for cutting high or low stubble and for tilting the platform, to the extent necessary in varying conditions. See Figure 21. These adjustments are often overlooked when they could be used to advantage.

Tilting Lever.

Run the machine tilted forward slightly for ordinary cutting. The binder should be tilted for low cutting only when it is necessary to pick up down or tangled grain. When this is done, the binder should be raised a little more than halfway up on the main wheel sectors and the grain wheel should be adjusted accordingly.

If pickup guards are used, do **not** tilt binder forward so much that fingers dig in the ground. Run the binder low and nearly level when equipped with pickup guards.

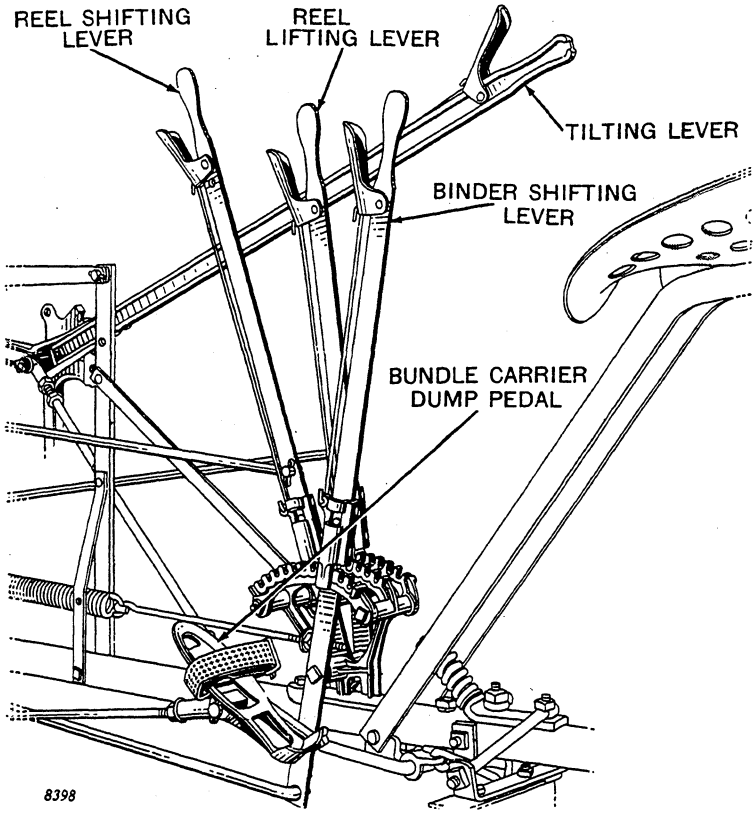


Figure 21—Levers

Adjusting Reel.

Set the reel to run close to the top of the grain and leave the grain just after it is cut off. In lodged grain, the reel can be set low and forward. The reel has a wide range of adjustment and should be carefully operated to insure proper elevation and good bundles.

Butt Adjuster Lever.

Operate the butt adjuster as far forward as possible in all lengths of grain. Do not use the adjuster to regulate the position of the band of the bundle. In very short grain, it may be necessary to shift the adjuster back in order to place band near center of the bundle.

Binder Shifter Lever.

Shift binder attachment so that it will bind the grain as near the center of the bundle as possible. Watch the height of the grain and shift the binder whenever necessary.

RETARDING HEADS

In conditions where the heads have a tendency to go up the elevator faster than the butts, it is necessary to retard the heads.

This may be done by using a retarding strap, shown in Figure 22. Holes are provided in the cross sill at the outer end of the platform, to shift the retarding strap to meet various heights of grain. This strap is furnished as regular equipment with the 10 ft. binder only.

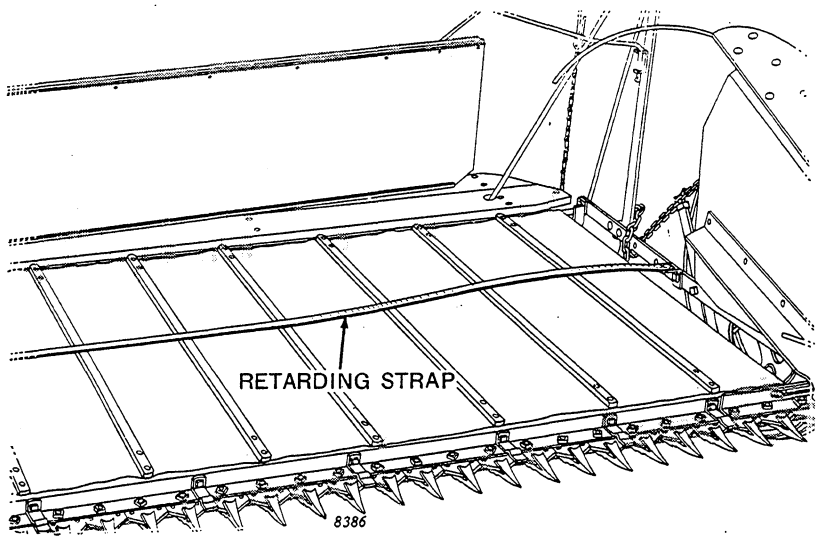


Figure 22—Retarding Strap

POWER DRIVE

Avoid sharp turns, but when necessary to turn sharply, throttle tractor down and shut off power take-off.

CAUTION: Be sure all safety shields are properly placed. The cap screw that holds universal joint to front end of power shaft must be kept tight and the lug washer bent over to lock.

CARE OF RUBBER TIRES

Check inflation of tires when setting up binder and make periodic checks thereafter. The correct pressure is as follows:

Main Wheel—7.50 x 16 Implement Tire—24 lbs. pressure

Grain Wheel—4.00 x 18 Implement Tire—16 lbs. pressure

Transport Wheel—5.00 x 16 Implement Tire—28 lbs. pressure

It is very important that tires be kept properly inflated, as considerable damage may result to the tire when proper pressure is not maintained.

Lack of pressure will allow the tire to slip on the rim or will buckle the sidewalls of the tire, resulting in torn valve stems, fabric breaks and uneven tread wear.

Too much pressure causes undue strain on the fabric, excessive tread-wear and allows the tire to cut in more on wet ground, thus greatly increasing the draft of the binder.

Avoid stumps, stones, deep ruts and other hazards. When not in use, store in a dark place to keep the light away from the tires. When the harvest season is over, jack up the binder to take the load off the tires.

NOTE: It is important that valve cap be screwed onto valve stem, finger-tight, after gauging and inflating tire to keep dust and other foreign material from valve core.

CUTTER BAR

The cutter bar of a grain binder, in principle, is nothing more than a multiple set of shears. To cut properly, shears must be sharp. Likewise the sections and guard plates of a binder cutter bar must be sharp and have a shear contact.

The surfaces of guard plates on the guards must line up the full length of cutter bar. If they do not, remove sickle and pound guards up or down to align guard plates. Sickle holders or clips must be set to hold point of sections down against guard plates but must permit sickle to run without binding.

Never bend down a sickle holder or clip with sickle under holder. Do not set sickle holders until guards are aligned. Be sure all guard bolts are tight. Starting at outer end of cutter bar, pull sickle from under outer holder and tap holder down. Keep trying the sickle until holders hold sections on guard plates, but at same time allow knife to work freely. If holder is too tight on sickle, pry the holder up slightly with a punch or screw driver. After setting all holders, try the sickle by hand to see that it works freely.

Wearing plates should be set ahead or replaced to take up wear on back of sickle and to reduce play of sickle back in neck of guards. When setting wearing plates ahead be sure there is enough clearance at front of sickle back so that it does not bind against guards. The edges of wearing plates must align with each other so there will be a straight bearing the entire length of sickle back. Wearing plates under sickle holders must be replaced when worn enough to cause points of sections to raise off ledger plates.

Worn or broken sections and guard plates should be replaced promptly.

If sickle becomes bent, straighten on a flat pole or block. See that it works freely in cutter bar with sickle holders set properly.

REEL

Adjust reel lifting spring, Figure 23, so that reel lifts easily.

In a heavy crop where the reel does not lay the grain back onto the platform rapidly enough, it may be necessary to speed up reel countershaft. Use B565HW countershaft sprocket, for this purpose.

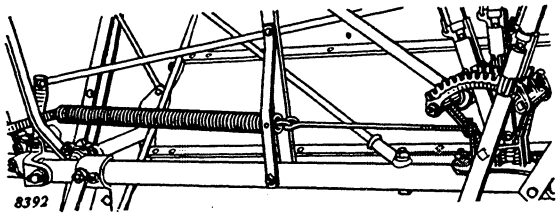


Figure 23—Reel Lifting Spring

BUNDLE CARRIER

The return spring is adjustable, Figure 24. If carrier does not return easily and quickly to receiving position, increase spring tension.

The adjustable link provides adjustment for setting end of bundle carrier teeth at any desired position, Figure 24.

Do not overload bundle carrier. Overloading interferes with the free operation of discharge arms and may cause breakage.

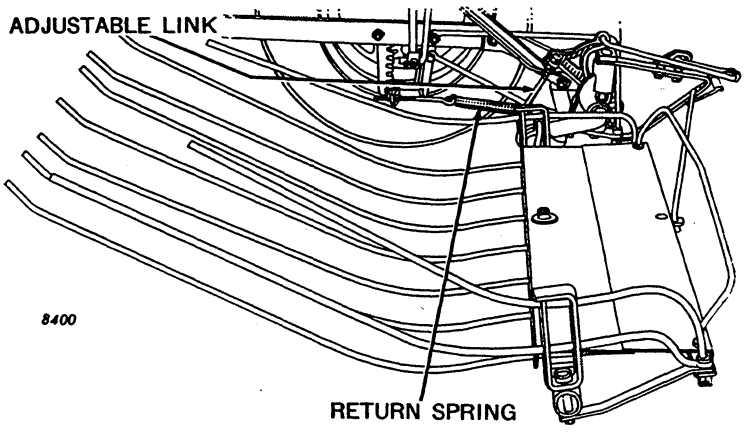


Figure 24—Bundle Carrier

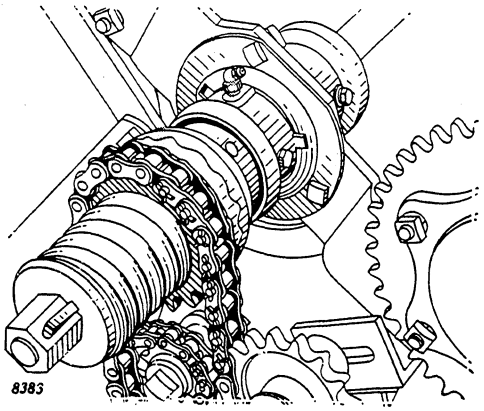


Figure 25—Power Shaft Slip Clutch

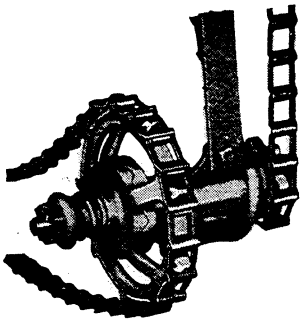


Figure 26—Reel Slip Clutch

SLIP CLUTCHES

When clutches slip, stop immediately. Determine the cause and correct it. Do not increase spring tension to correct.

Set slip clutches tight enough to slip easily if there is clogging. Slip clutches are used on the main power shaft, Figure 25, and the reel drive shaft, Figure 26.

To adjust power shaft slip clutch, remove cotter pin and turn nut in or out to tighten or loosen clutch. Tighten nut gradually until proper working tension is determined. Replace cotter pin.

To adjust reel slip clutch remove pin, Figure 26, and turn nut to obtain more or less tension on spring. Replace cotter pin.

WHEELS

Grain Wheel

The height of the outer end of the platform is easily and quickly adjusted by the chain, as shown in Figure 27.

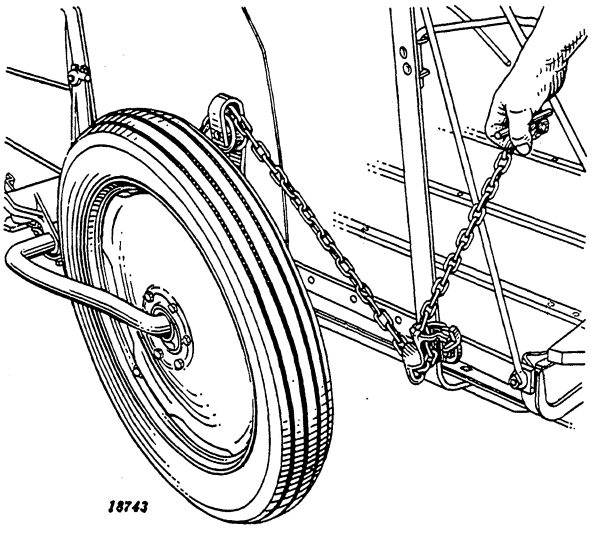


Figure 27—Raising Platform

Main Wheel.

It is important that the gears at the end of main axle enter the sectors, or hangers, evenly. If entered unevenly, draft troubles are sure to result. It is also important to have the stop bolt in place at the bottom of the sector, so the main wheel cannot be accidently run out of frame. Batter the threads on this stop bolt so the nut cannot be lost.

CHAINS

Detachable Steel Chains.

Give the tension of chains careful consideration. Run them just tight enough to do the work without climbing sprockets or jumping. Do not allow excessive looseness. Run hook end of link forward and slot or open side out, as indicated in Figure 28.

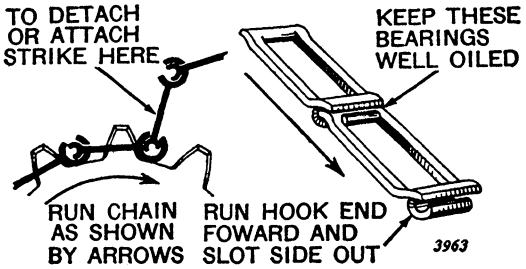


Figure 28

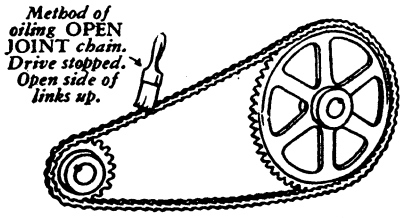


Figure 29

Steel Roller Chains.

Do not run too tight, but not loose enough for slap. Roller chains must be properly aligned on their sprockets.

The chains should be lubricated at frequent intervals using a good grade of light cylinder oil. It can be applied with a paint brush, as shown in Figure 29.

CANVASES

The canvases on John Deere Tractor Grain Binders are made of high-grade materials. They will give good service if given proper care. Run canvases just tight enough to do their work. If run tighter than necessary, wear and draft are materially increased. Tension of the canvases is adjusted by means of a canvas tightener rod at the outer end of the platform and at lower end of elevators (Figures 30 and 31).

Tension on canvases should be released when machine is not in use.

If all straps are buckled at an even tension and elevator canvas runs crooked, showing wear at the ends of canvas slats, the elevators need to be squared, see Figure 87.

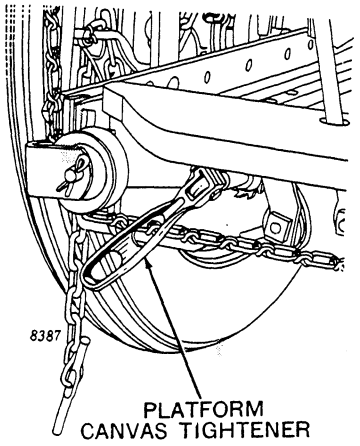


Figure 30

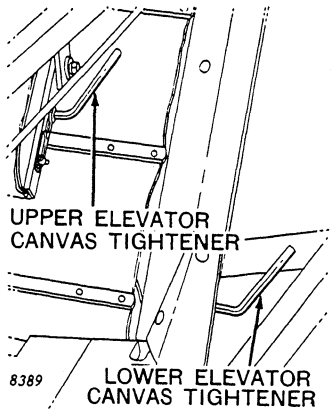


Figure 31

BINDER ATTACHMENT

If any part of the binder attachment fails to work properly, determine where the trouble exists before making any changes in adjustments. Sometimes, only a little oil is required, a nut needs tightening, or some slight adjustment may be necessary.

Often, to remedy tying troubles, it is only necessary to put one or more parts back in their original position, or adjustment, as they were when they left the factory. Therefore, it is very important that you know the proper setting and adjustments. Never make an adjustment without knowing why it is made.

Size of Bundles.

Size of bundles is regulated by the trip block "B," Figure 32. It is adjustable to four positions for large and small bundles.

To make smaller bundles, set trip paddle "A" up by removing trip block and putting it back with a longer lug touching trip block at "C."

Move compressor hook "D" in on arm if resulting bundles are too **loose.**

To make larger bundles, set trip paddle down by removing trip block and putting it back with shorter lug touching trip stop.

To make tighter bundles, tighten trip spring stop, Figure 34, on hook bolt through needle shaft and trip stop.

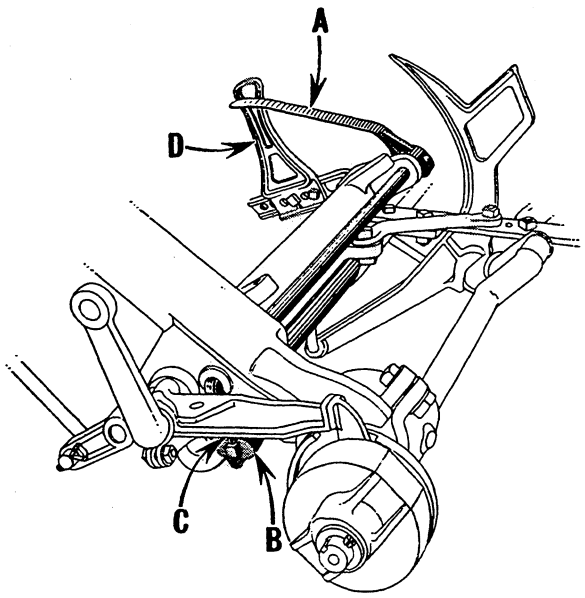


Figure 32

NOTE: Do not tighten twine tension spring under deck to make tighter bundles.

The platform grain shield, the windboard at rear of binder deck, and the grain check springs, if properly adjusted for long or short grain, will assist in making better bundles and prevent scattering of the grain. **The compressor spring** is a heavy coil spring under the deck. It acts on the end of the trip hook shaft and assists in giving satisfactory compression for the bundle. It rarely needs adjusting and should be kept at medium tension.

Twine Tension.

Binder attachment will not tie properly if correct twine tension is not maintained. Correct tension at needle is 8 lbs. To test the tension, thread the machine, **with this exception:** do not bring the needle over to get the twine in the disk. Tie a loop in twine through needle eye in a line parallel with the binder deck. Tighten or loosen the twine roller tension spring under the binder deck as may be required to correct tension, Figure 19. **At twine holder or disk, correct tension is 35 to 40 lbs. as shown in Figure 33.** To test tension at twine holder or disk, thread the machine ready for tying and turn the binder over, completing the knot.

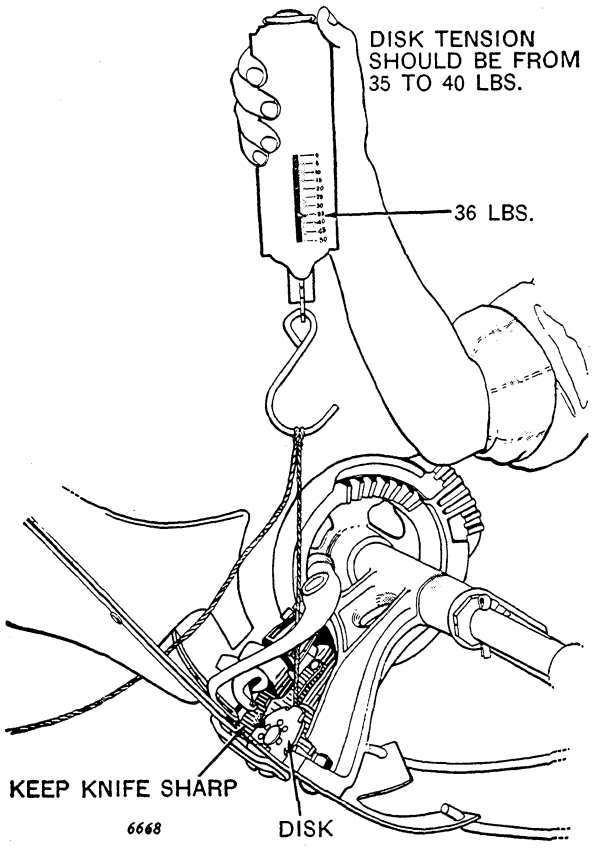


Figure 33

Take off this band and see that the twine is securely in the disk. Tie a loop in twine directly over the knotter frame, and with scale, pull straight upward. Tighten or loosen the twine holder spring, Figure 38, by adjusting the twine holder spring set screw. Never make more than a quarter turn of the set screw at one time. Be sure to tighten the lock nut. Be sure that the washer is in place between the twine holder spring and the knotter frame, Figure 38. **CAUTION: The set screw screws into the knotter frame and the lock nut must be loosened before making any adjustment.**

Binder Lock.

The purpose of the binder lock is to hold the binder in home position, Figure 34. If, due to wear or misadjustment, it is not held in this position, the trip dog is not held securely by the trip stop. This permits contact of the trip dog with the driver, allowing the working parts to chatter and causing unnecessary wear.

Adjusting of binder lock is closely related to setting of trip dog and trip stop. Binder lock needs adjusting when there is more than 1/8-inch clearance between the faces of the trip dog and trip stop, Figure 34, with the trip dog fully compressed and the cam gear in home position.

To adjust, place cam gear in home position, loosen bolt holding binder lock bracket to binder frame, and slip complete lock downward, until it presses snugly against the hub for needle pitman on the cam gear. Then tighten the bolt securely.

NOTE: After adjusting, make sure that trip stop and trip dog do not set together so tightly that binder is hard to trip.

Needle.

The needle must, in all cases, come well down against the knife arm in order to place the twine so that the knotter hook will not revolve under the upper or needle cord **in which case the binder will tie a knot in one end of the band only, discharging it, in most instances, with the loose bundle.** When binder is turned over empty, the needle must press hard against knife arm in order to cover over far enough, when the bundle is being formed, to place the twine securely in the disk notches. The bottom side of the needle point, at the roller, should clear the twine holder disk by 1/4-inch when needle passes through the knotter frame. The needle should also set over close to the knotter pinion when passing through the knotter frame in order to readily place the twine in the disk notch.

If it should be necessary to advance the needle, do so by shortening needle pitman one or more threads, Figure 34, as may be required to make needle advance to correct position. Lengthening the needle pitman may be the cause of the binder missing bundles.

When the needle point gets dull and blunt, sharpen with a file. Be sure needle is smooth from point to hub.

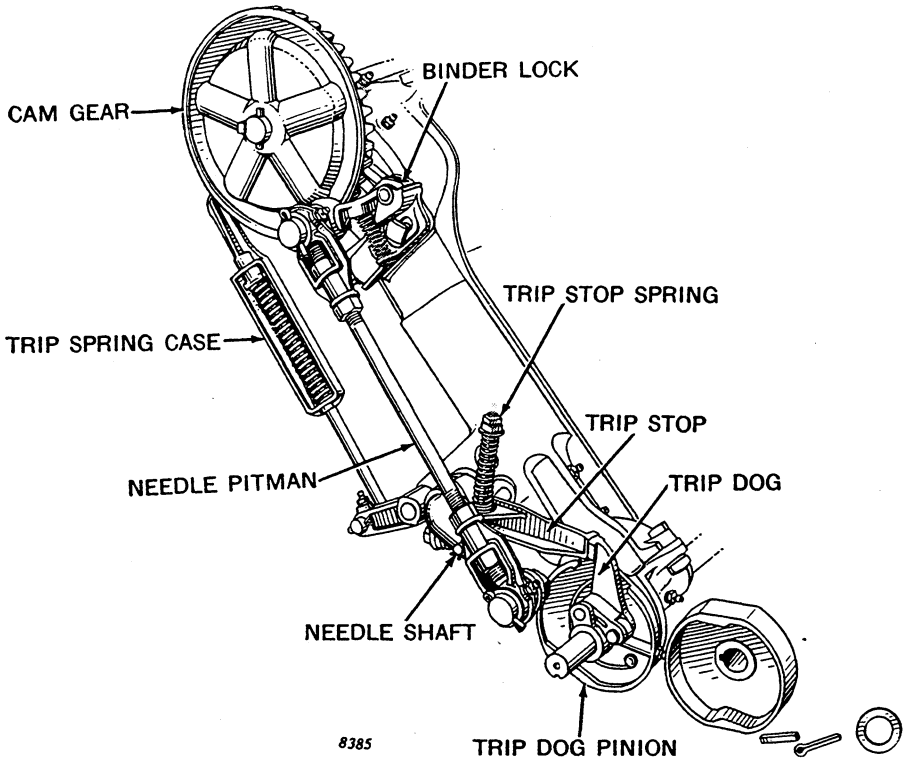


Figure 34

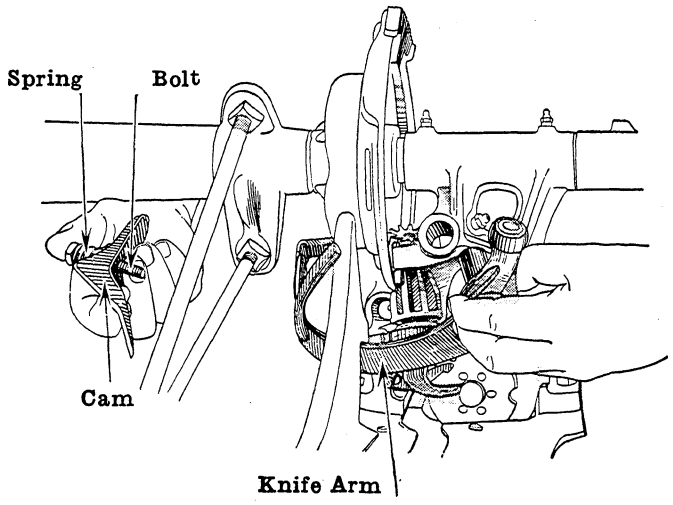


Figure 35—Removing Twine Knife

Twine Knife.

The twine knife must be kept sharp. It needs sharpening frequently. To remove knife, unscrew knotter cam bolt, remove knotter cam and arm from knotter frame, Figure 35.

Use a carborundum or oil stone to get a keen cutting edge as shown in Figure 36. Never use a file.

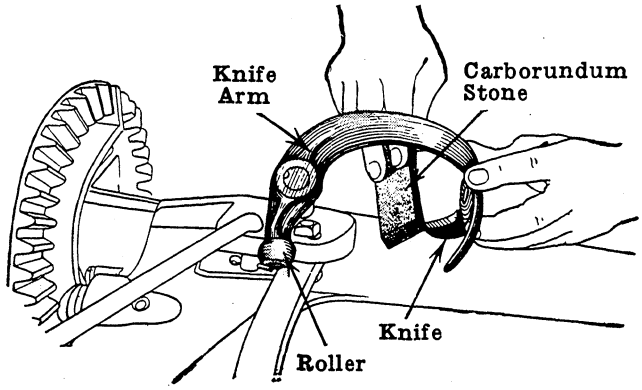


Figure 36—Sharpening Twine Knife

Knotter Cam.

The forged steel knotter cam is fastened to the knotter frame with a special bolt and its action is controlled by a small coil spring. This spring is often tightened TOO MUCH. It should be kept tight enough to make the knotter cam hold the knotter tongue closed when the knot is being completed. In other words, the cam must have enough pressure against the knotter tongue roller to hold the tongue closed so that the two ends of twine will be pulled through to make a complete and secure knot. See Figure 37.

Knotter Frame.

The face of the knotter hook pinion, Figure 38, should be set up close to the face of the tyer wheel and the wear on these parts should be taken up by adjusting the adjusting collars, Figure 38.

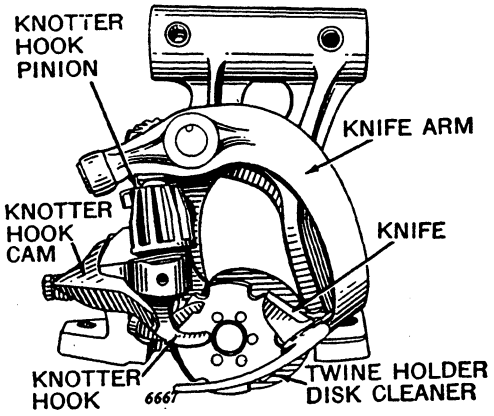


Figure 37

The knotter hook pinion and worm shaft pinion should mesh properly with the tyer wheel. The face of the knotter hook pinion should rub freely against the face of the tyer wheel without binding.

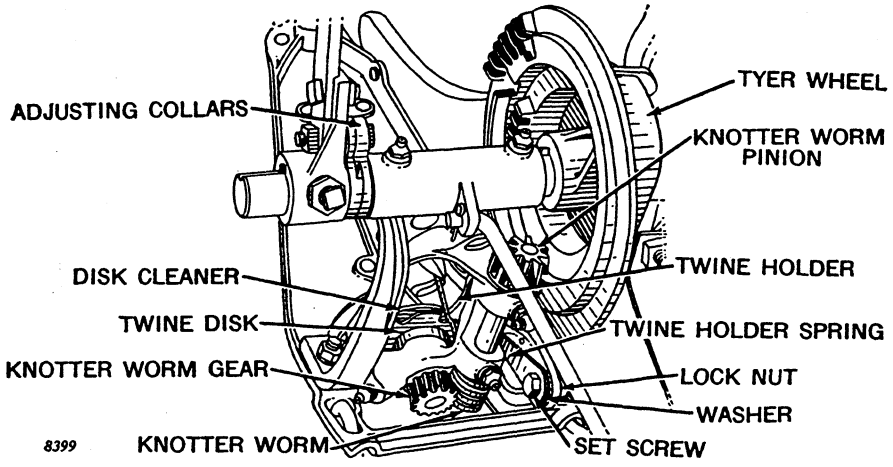


Figure 38

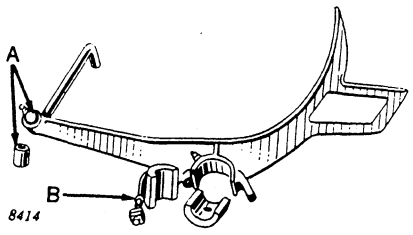


Figure 39

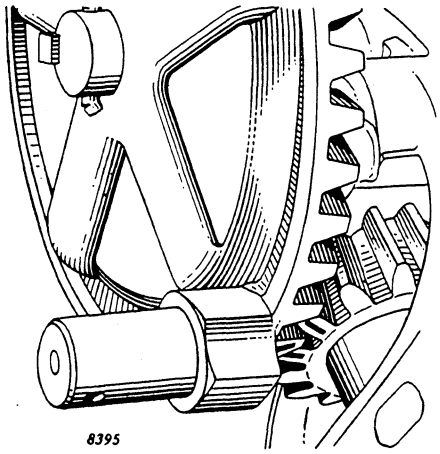


Figure 40

When timing the gears at lower end of diagonal shaft, be sure to have cam gear in **home** position with binder lock against needle pitman hub on cam gear. The trip dog pinion has one cog marked with an arrow, Figure 41. This arrowed cog, or tooth, must mesh in between the two marked teeth on the lower diagonal shaft pinion. After timing of gears is completed, check setting of binder lock. See Page 21.

Packers.

(Figure 39) Packers are equipped with removable, hardwood, oil-soaked bushings that are adjustable for wear. The link end of packer has a removable tempered steel bushing at "A." It is never necessary to replace packers because of wear. New bearings can be installed at little expense.

Adjust clamp bolt "B" with lock nut to take up wear on removable wood bushings and to keep all wobble out of packer.

Timing Binder Attachment Gears.

The cam gear, Figure 40, has a timing rib, or mark on tooth near the arm for pitman connection. The upper bevel pinion on binder diagonal shaft has two marked teeth on large end of pinion. The marked cam gear tooth must mesh between the timing teeth on the bevel pinion.

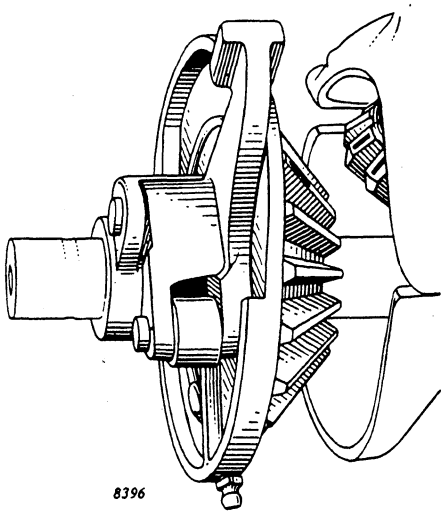


Figure 41

HOW THE KNOT IS TIED

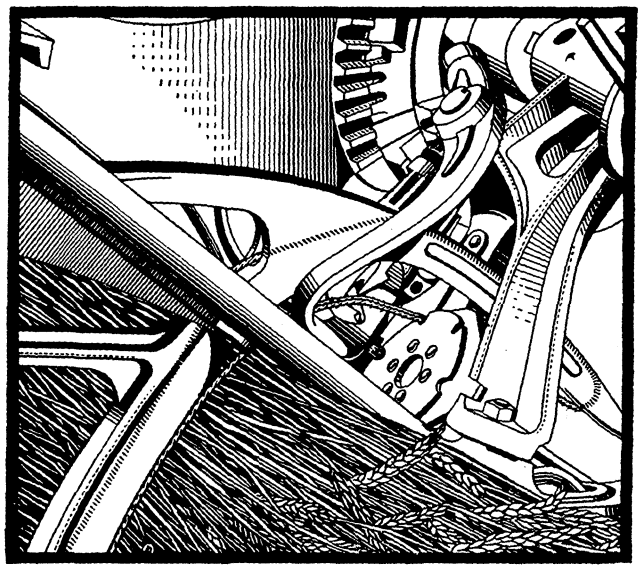


Figure 42

Figure 42. The binder has tripped, the needle has advanced and brought the twine up around the bundle and placed the 2nd strand in the disk notch which is standing open. Both strands now lay across the knotter jaw, and through guide on knife arm.

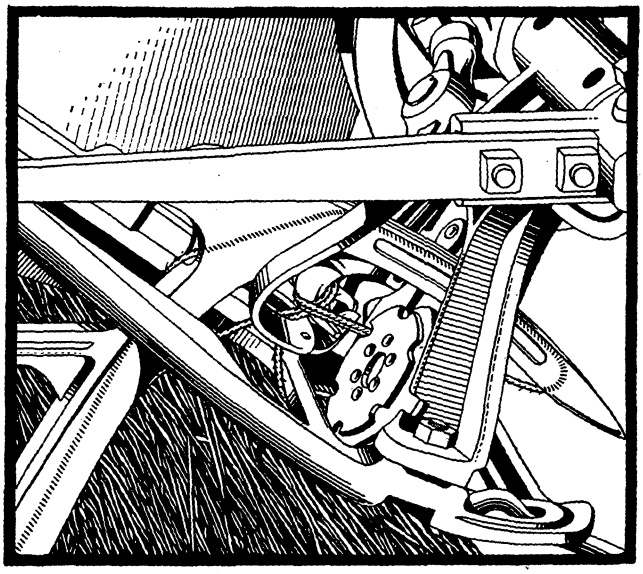


Figure 43

Figure 43. The gear teeth on the tyer wheel have operated the disk driving pinion, and turned the disk sufficiently to permit the twine holder, which is controlled by a flat spring, to grasp both strands of twine. Knotter hook has turned, forming a loop of twine around the hook, and jaw has opened to receive the twine.

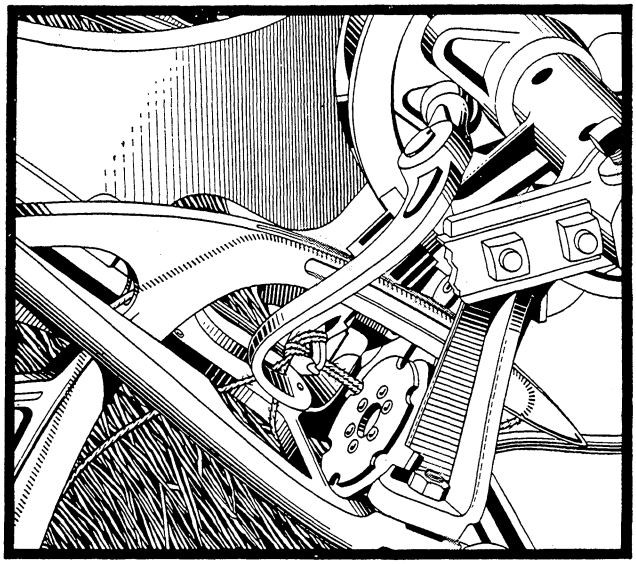


Figure 44

Figure 44. The knotter has closed and is now holding twine tightly—knife is advancing ready to cut twine between knotter hook and disk.

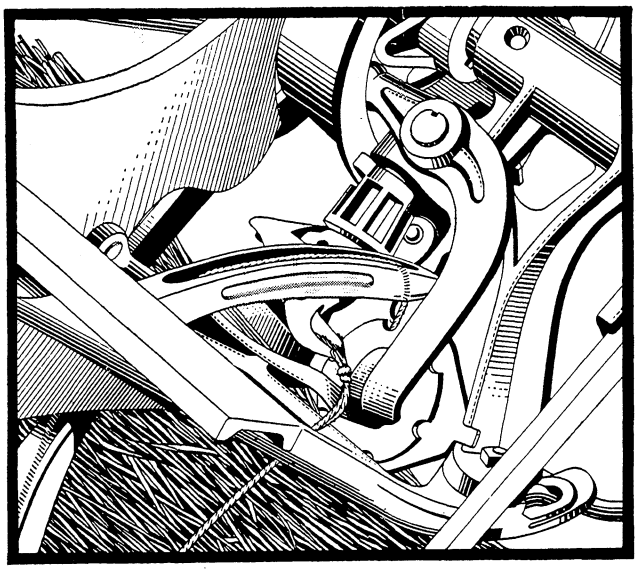


Figure 45

Figure 45. The twine has been cut; discharge arms which have been turning during tying operation discharge the bundle as twine is cut, assisting knife arm to strip loop from knotter hook. Knotter jaw holds ends of twine while loop is slipped off knotter hook making a complete and secure knot. With end of twine securely in the disk, needle returns to "home" position, leaving strand of twine over knotter jaw, ready to receive the oncoming grain.

TYING TROUBLES

In locating causes of tying troubles, first examine twine in box to be sure it is unwinding freely; then follow the twine through the roller tension, twine guides, needle, and disk. Examine the roller tension to be sure that tension is sufficient to keep twine from getting slack; see that tension rollers are working freely and that frame of tension is not binding, see Figure 19.

Remember that uneven, weak or other kinds of poor twine may cause missed bundles. If some part of the knotter is not working as it should, the instructions on Pages 19 to 24 should be noted carefully. Particular attention should be paid to the sections regarding twine tension, twine knife, and needle.

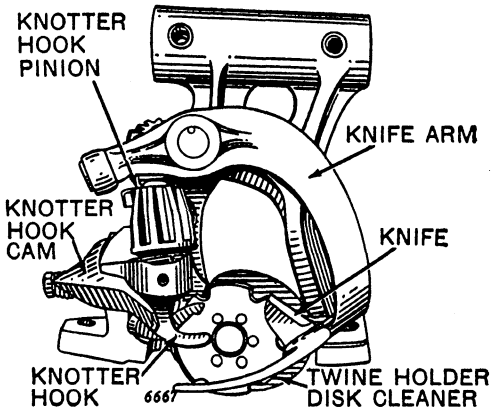


Figure 46

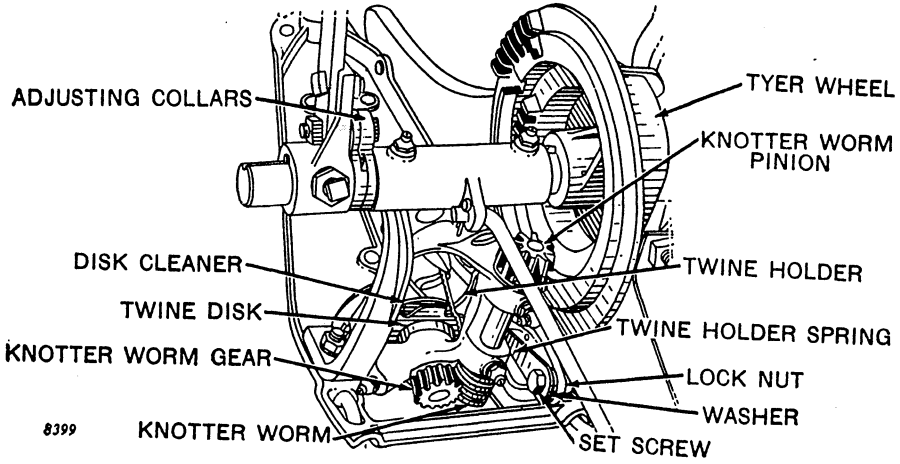


Figure 47

TROUBLE	CAUSE	REMEDY
Knot in one end of twine, other end cut off square. Band is found with untied bundle.	Twine holder spring is too loose.	Tighten twine holder spring set screw slightly, see Figure 47.
Knot in one end of twine, other end flattened, torn, or ragged. Band is found with untied bundle.	Twine holder spring is too tight.	Loosen twine holder spring set screw slightly, see Figure 47.
No knot in either end of twine. Band is found with untied bundle.	Knotter hook cam spring is too loose.	Tighten bolt through knotter hook cam spring and cam, see Figure 46.
Perfect knot hanging on knotter hook and twine is broken by bundle being discharged.	Knotter hook cam spring is too tight.	Loosen bolt through knotter hook cam spring and cam, see Figure 46.
Slip knot around bundle and twine extends from bundle to eye of needle or broken off leaving a long end.	Needle has failed to place twine in twine holder disk.	Straighten needle if bent. Replace badly-worn needle roller. Check twine tension and timing of needle and twine disk, see Pages 20, 21, and 22.
Knot in one end of twine, other end broken. Band is found hanging on knotter hook.	Twine tension too tight or twine holder tension too tight.	Check twine tension, see Page 20, or adjust twine holder spring set screw slightly, see Figure 47.
One end of band slips out as bundle is picked up.	Twine holder disk timed too slow.	Replace worn twine holder disk and knotter worm or place new washers between knotter worm and frame.

OPERATING INSTRUCTIONS FOR SPECIAL EQUIPMENT

Transport Trucks.

Transport trucks with steel wheels or rubber-tired wheels can be used. The binder will pass through a 14-foot gate without removing the tractor hitch and front power shaft from the binder. Directions for setting up and attaching transport trucks will be found on Page 71.

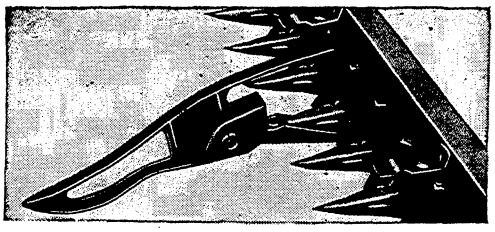


Figure 48—Grain Saving Guard

Grain Saving Guard.

A flexible grain saving guard, Figure 48, can be furnished to aid in cutting down and tangled grain. These lifting guards fit over the regular guards. They are flexible and follow the uneven ground and aid in raising the straw into the cutting parts.

Seven guards are used on the 8-foot binder and nine on the 10-foot binder.

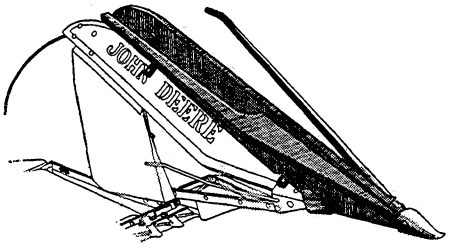


Figure 49—Extension Divider

Extension Divider.

The extension divider, Figure 49, will aid in separating the grain when cutting long or down and tangled grain. It guides the grain into the cutting parts and helps to prevent clogging and lodging of grain on the outside divider.

Wide Bundle Carrier.

Where a large acreage of small grain is grown, a substantial saving in labor can be made by using the wide bundle carrier, shown in Figure 50. In many conditions it will carry enough for a shock.

This wide bundle carrier is available with a steel or rubber-tired wheel to assist in carrying the load.

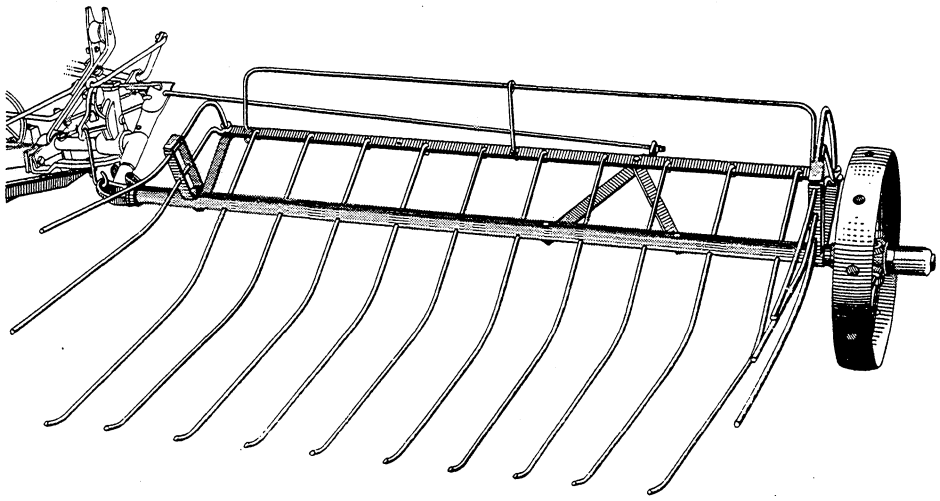


Figure 50—Wide Bundle Carrier

Kaffir Corn Attachment.

The extra clearance at the seat pipe required when cutting kaffir corn and similar crops is provided by the kaffir corn attachment, Figure 51.

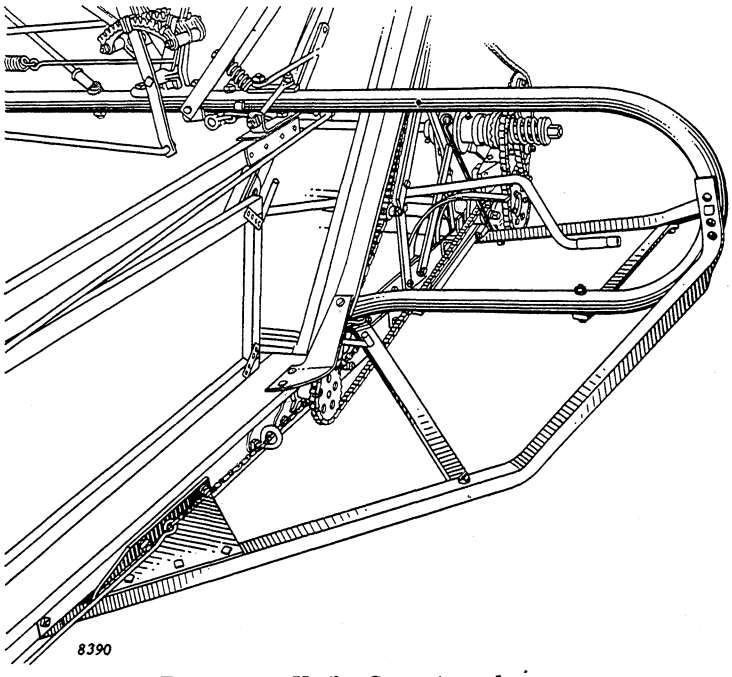


Figure 51—Kaffir Corn Attachment

One Man Control Levers.

With this set of levers, shown in Figure 52, the John Deere Tractor Binder can be operated from the tractor seat. The operator can tilt the binder, raise and lower the reel, and shift the binder attachment without leaving the tractor seat. The bundle carrier is dumped by pulling a rope attached to the tractor seat. The levers are adjustable to operate with various tractors.

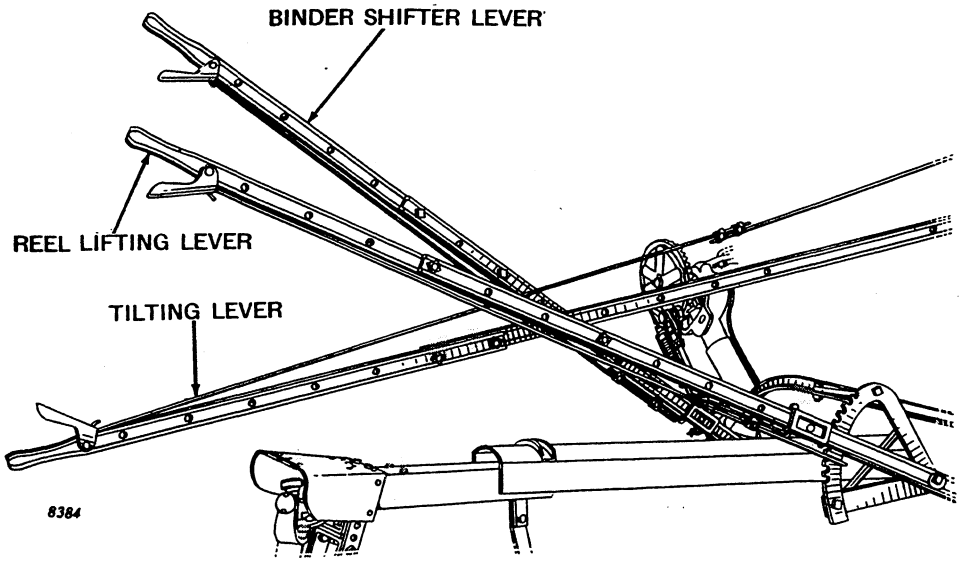


Figure 52—One Man Control Levers

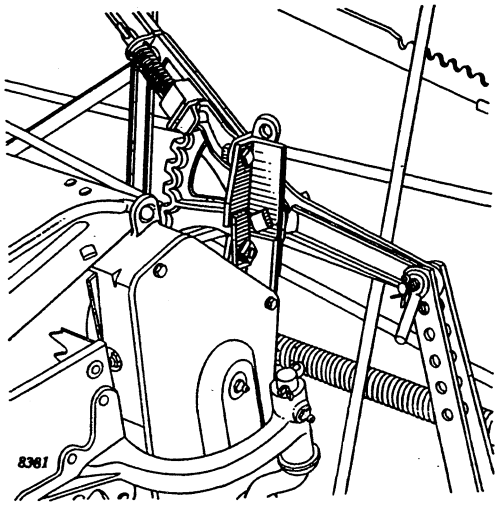


Figure 53—Elevator Post Extension

Elevator Post Extension.

The use of the elevator post extension as shown in Figure 53, will allow more clearance under the tilting lever. This is often a desirable feature when binder is used for cutting heavy grain and forage crops and is usually required when using kaffir corn attachment.

SERVICE INSTRUCTIONS

DIRECTIONS FOR ASSEMBLING COMPLETE KNOTTER

Parts list and exploded view of knotter will be found on Page 122. Use Figures 54 and 55 as a guide in assembling the knotter.

Place disk cleaner in disk so that sharp end of cleaner will hang down when knotter frame is in upright position. Put twine holder disk in knotter frame and lug on cleaner in slot on side of knotter frame. Place washer between worm gear and frame, and pin worm gear to end of disk shaft with small end of gear next to frame.

Place twine holder between disk plates and rivet it loosely to frame so it can turn on rivet. Be sure twine holder does not bind between disk plates. Use 1/4″ x 7/8″ oval head rivet.

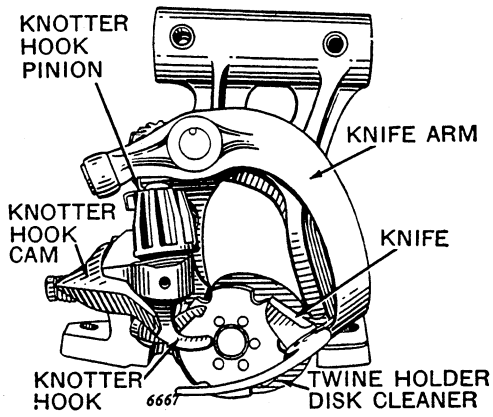


Figure 54

Bolt twine holder spring to frame with cap screw, putting washer, 1″ O.D. x 7/16″ I.D., between spring and frame. See that spring presses against the twine holder. Place the bolt head next to spring. It should be set to take from 35 to 40 pounds to pull twine from disk. This tension should be set after knotter has been assembled to machine and the disk has been timed, see Pages 20 and 21.

Put knotter worm in frame with at least one washer between worm and frame. Hold frame in same position as when on binder and with punch or nail through hole in worm shaft, turn so when hole is toward tyer wheel, one of the disk notches will be open about 1/16″ to 3/32″ from point on twine holder to point on disk notch. A thinner washer, or an additional one between worm and frame may be necessary to place disk in this position.

Put washer between the cord holder pinion and frame, and pin pinion shaft with flat side toward tyer wheel. Bend down edge of washer on frame.

Put knotter hook in frame and pin knotter hook pinion (large end down) to knotter hook. If necessary, use washer between lower side of pinion and frame to take up play. Pinion must be put on so flat surface is turned in same direction as knotter tongue roller. Be sure all parts work freely. Turn by hand to test ease of operation.

Bolt knotter cam and knotter hook spring to knotter frame with long, square-head bolt. Place small end of spring under head of bolt. Be sure tension on this spring is not too great. If too much tension is applied, the knife arm cannot strip the twine off the knotter hook and the twine will break. The tension of the knotter cam must be reasonably tight, but more than required to hold twine firmly enough in knotter hook so the ends will be held and pulled through to make a complete knot.

Slip knife arm into frame. Knife arm may be removed when knotter is in place on machine. To do so, unscrew knotter cam bolt, remove knotter cam and knife arm clip, and lift knife arm out of knotter frame. See that twine knife is sharp.

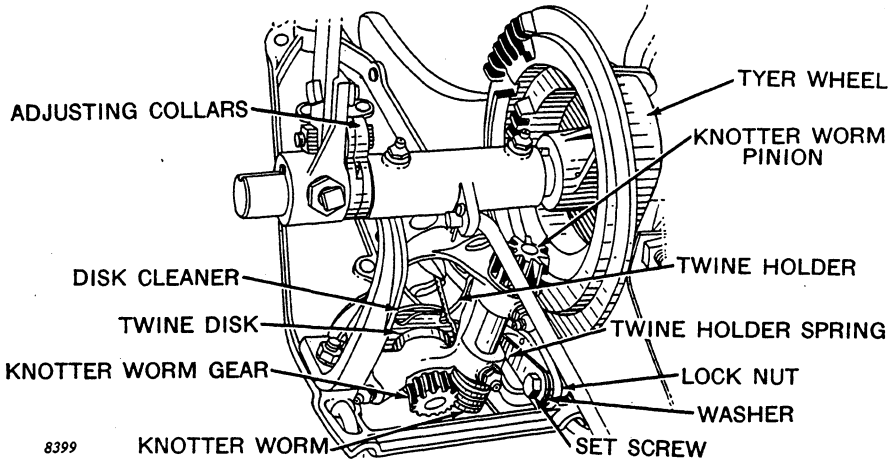


Figure 55

The twine knife should cut the twine as close to the knotter hook as possible without allowing the knotter hook to strike the knife blade, and it should cut the twine just before the discharge arms strike the bundle and not until knotter jaw has closed tight on twine.

Just as soon as the knife blade cuts the twine, the yoke of the knife arm must strip the twine off the knotter hook. Knife arm is malleable iron and can be bent, if necessary, in order to set properly. Do not attempt to adjust knife arm until knotter has been tested on binder.

Rivet pins in knotter worm gear, knotter hook pinion and cord holder pinion down smoothly so that these pinions will mesh properly without binding.

Put knotter in place on binder and turn discharge arms around by hand several times. See that disk is properly set to receive twine, when discharge arms are "home."

When attaching, set flat side of pinion toward tyer wheel, with knotter hook pinion setting snugly against the face of the tyer wheel. Mesh of pinions with tyer wheel is regulated by adjusting collars on the knotter shaft. Set knotter frame close to tyer wheel without binding.

NOTE: Failure to properly use this adjustment may result in breakage of the knotter frame.

REPLACING GUARDS AND SECTIONS

Ledger plates should be replaced when worn or dull.

Drive the rivet through ledger plate with a heavy punch and follow rivet with small punch and drive through guard. Put on new ledger plate. Put in a new rivet and rivet with hammer. Chisel off end of rivet flush with ledger plate to leave a smooth surface for knife. Batter boss on guard at each side of ledger plate to hold plate more securely.

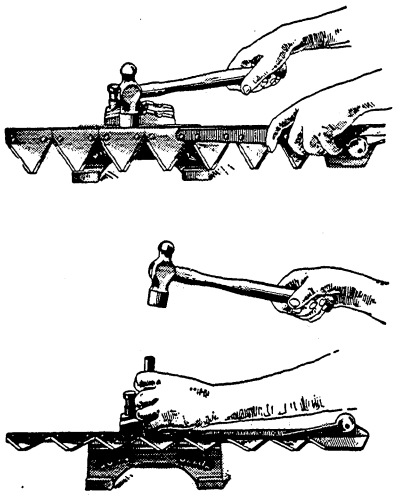


Figure 56

Broken, bent, or worn sections should be replaced promptly.

Old sections may be readily sheared from knife back. New sections should be riveted on tight with hammer, as shown in Figure 56. If knife becomes bent, straighten on a level pole or block.

WHEELS

Replacing Bushing in Grain Wheel.

The original bushing may be readily replaced in the grain wheel, Figure 57. Remove retaining nut, tap bushing lightly with hammer. Insert new bushing and tighten nut, very tight, to hold bushing in place.

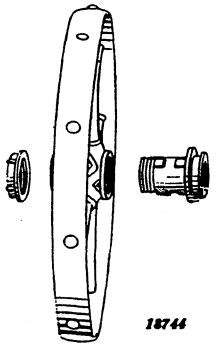


Figure 57—Grain Wheel

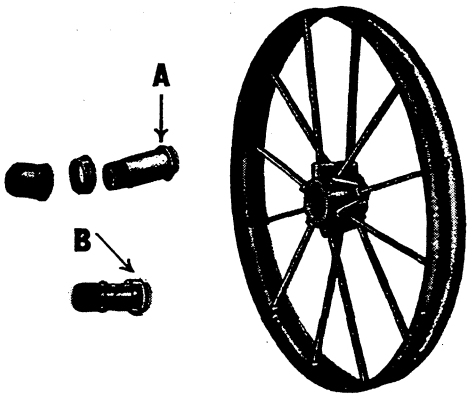


Figure 58—Wheel Transport

Replacing Box in Steel Transport Wheel Hub.

The original box, "A", Figure 58, is cast in wheel but may be removed and replaced. The repair box, "B", Figure 58, has a 3-point bearing in wheel hub and is somewhat different in appearance from the original, but it will work.

To remove box: 1. Remove grease cap and retaining nut.

2. Stand wheel on the floor and holding with one hand, tap box lightly with a hammer on outer end. The box, being tapered, can easily be driven out of wheel hub.

To replace repair box: 1. Stand wheel on floor and place repair box, "B", Figure 58, in correct position in wheel with **key lug aligned with slot on hub.**

2. Place a wood block on end of box and tap lightly with a hammer until the box is **just tight in the hub.** Do not strike the wheel box direct.

CAUTION: Do not drive the box home too hard or you may break the wheel hub. The box is held tight in hub by the contact of the 3 bearing points at each end of box.

In cases where the box does not go in easily, file the lugs a little at the point where they fit too tight. Care should be taken so as not to file away too much, as very little filing will allow box to enter hub.

3. Screw retaining nut up **very tight** against the hub of wheel on outer end to hold the box firmly in place.

SETTING-UP INSTRUCTIONS

The Proper Method.

After unpacking and placing all parts where they will be handy, **follow all the directions carefully.**

The John Deere Tractor Grain Binder is set up as illustrated on the following pages. The darkened portions of the progressive illustrations show clearly the parts to be assembled and attached in proper order. Where the instructions or the connecting points are numbered, **follow closely** the order in which they are numbered and lettered. Arrows are also used to point out important adjustments or parts that need special attention in setting up.

In bolting on parts, do not tighten each bolt as it is put on, but put in all bolts, loosely at first; then tighten after unit is completely in place. Be sure to place lock washers on the bolts and **keep nuts tight.** Spread cotter pins.

Improper setting up may cause inferior work and damage to binder. After binder is completely set up, go over entire machine, being sure all braces, sheet metal, chains, and different units are properly attached as illustrated and directed.

Lubricate all bearings and working parts freely when setting up machine. Be sure grease fittings are not clogged with paint. Brush chains freely with a light oil.

Loosen paint in slip clutches by slipping several times.

Never put a bearing together with parts clogged with paint. Some paint may be removed with kerosene; in other cases, it must be scraped.

Important: In cold weather, transmission oil may be used in grease gun.

Important: Universal Joints.

Scrape paint and remove burrs from end of drive shafts before attaching universals. Tighten attaching bolts evenly and be sure side bars fit down evenly on square end of shaft and center block. Be sure leather washers are in place on center block.

Lubricate Universals Freely Before Starting.

Location References. "Right" and "Left", "Front" and "Rear", refer to the Operator's "Right or Left" and "Front or Rear" when facing the same direction machine is headed or traveling.

REGULAR SHIPPING BUNDLES

4754W	Bundle of Rollers	5331W	Power Drive and Shields
5010W	Bundle Carrier	5326W	Rear Elevator
5245W	Front Elevator	5400W	Main Frame
5254W	Bundle of Levers	5147W	Grain Wheel (Rubber Tire)
5255W	Seat Pipe	4236W	8-Ft. Reel Pipe
5310W	Main Wheel (Rubber Tire)	5304W	8-Ft. Platform Canvas
5307W	Elevator Canvases	5398W	8-Ft. Platform
5323W	Binder Crate	5001W	10-Ft. Reel Pipe
5324W	Bundle of Rods	5306W	10-Ft. Platform Canvas
5401W	Tractor Hitch	5399W	10-Ft. Platform
5402W	Square Shaft and Universal Joint		

SPECIAL SHIPPING BUNDLES

WHEELS

5297W Steel Main Wheel
5008W Steel Grain Wheel, 10-Ft. Binder
5311W Main Wheel less Tire and Tube
5397W Steel Grain Wheel, 8-Ft. Binder

TRANSPORT TRUCKS

4207W Steel Wheel
5169W Axles for Steel Wheel
5293W Stub Pole
5145W Wheel and Axle, Front (Rubber Tire)
5150W Wheel and Axle, Rear (Rubber Tire)
5315W Wheel and Axle, Front, less Tire and Tube
5316W Wheel and Axle, Rear, less Tire and Tube

TRACTOR CONTROL LEVERS

5321W Tractor Control Levers
5339W Bundle of Parts for Tractor Control Levers

WIDE BUNDLE CARRIER

5394W Wide Bundle Carrier
5395W Bundle Carrier Wheel—(Steel)
5396W Bundle Carrier Wheel—(Rubber Tire)

HEAVY CANVASES

5312W 8-Ft. Heavy Platform Canvas
5313W 10-Ft. Heavy Platform Canvas
5314W Heavy Elevator Canvas

MISCELLANEOUS

5181W Front Elevator Post Extension
5338W Kaffir Corn Attachment
4133W Extension Divider

TRACTOR HOOK-UP EQUIPMENT FOR JOHN DEERE TRACTOR GRAIN BINDER

The John Deere Tractor Grain Binder is equipped with a new-style hitch and power line which will permit its operation with any new tractor of suitable power that is equipped with standardized drawbar, take-off shaft, and master safety shield. See Pages 62 and 63. It can also be used with any older tractor on which the standardized conversion parts have been added. If tractor with which Binder is to be operated, does not have conversion parts, **they must be ordered from tractor manufacturer.**

HOOK-UP SHIPPING PACKAGES

14267HW	Universal Joints and Pipe Connection, 1-3/8″ Spline with Non-Removable Shield.	Depends on Size of Take-Off Shaft on Tractor.
14268HW	Universal Joints and Pipe Connection, 1-3/4″ Spline with Non-Removable Shield.	
14266HW	Universal Joints and Pipe Connection, 1-1/8″ Spline with Non-Removable Shield.	

A2040HW Shield on Binder Power Shaft Front Support.

Be sure to read carefully Pages 62 and 63.

HOOK-UP EQUIPMENT FOR JOHN DEERE "GP" WIDE TREAD AND STANDARD TREAD TRACTORS

No conversion parts will be made available for these tractors, therefore, hook-up package line-up will be as follows:

Tractor	Universals and Pipe Conn.	Take-Off Shaft Ext.	Universal for Take-Off Ext.	Shield on Power Line Support
John Deere "GP" Wide Tread	10097HH	10379HH	10111HH	10499HH
John Deere "GP" Standard Tread	10097HH	10149HH	10111HH	10499HH

MAIN FRAME—MAIN WHEEL—PLATFORM

Grease main wheel bearings and sectors. Raising and lowering shaft may be turned to level main frame and bring connecting-bolt holes in alignment.

1. (Figure 59) Tip main frame on rear end and roll main wheel into position with raising shaft inside and over main frame. Be sure pinions enter sectors evenly. Grease raising worm and raising shaft in worm housing through three Zerks on worm housing. Turn raising crank until pinions are in central position in sectors. Wire raising shaft to main frame so it will not fly up. The bundle carrier spring bracket bolt, added later, serves as stop bolt in sector, see Figure 61.

2. (Figure 59) Bolt platform and main frame connecting bar to platform. Place brackets to the rear of connecting bar. The left-hand bracket is secured by eyebolt, see Figure 62.

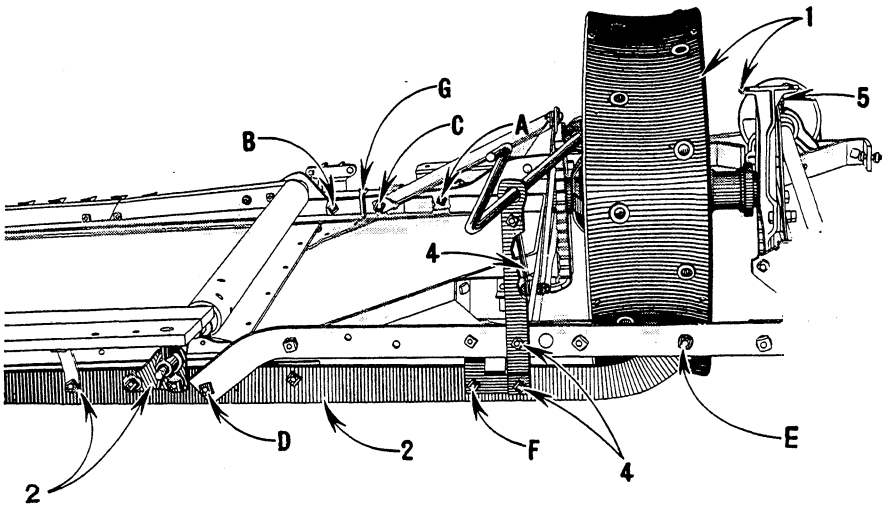


Figure 59

3. Remove bolts by which main frame attaches to platform and loosen bolts that secure transport axle bracket to main frame. Attach main frame to platform attaching bolts in the order lettered in Figure 59. Bolt loosely at first and tighten after all bolts are in place. See that the inside platform roller turns freely after rear box bracket is secured to rear of platform roller and main frame connecting bar. If tractor control levers are to be used, leave bolt "A," Figure 59, loose. Insert hook bolt at "G" from the top. Attach bolt at "E" from front and do not tighten.

4. (Figure 59) Slip main wheel raising crank support over crank and bolt post and brace to main frame. Holes are offset in support to get crank away from twine can.

5. (Figure 59) Attach Zerk fitting (packed in bag attached to frame).

6. If transport trucks are to be used, attach bracket at "B," Figure 103, at this time.

FRONT ELEVATOR—BINDER REST AND BUNDLE CARRIER SUPPORTS

Grease all bearings freely.

Oil cutter bar and sickle freely from end to end. Operate sickle and pitman by hand to make sure they work freely.

1. (Figure 60) Attach pitman with offset to the rear and Zerk fittings up.

2. Attach front elevator, bolting in order lettered in Figure 60. Place angle brace at "D" to front side of main frame sill.

3. Put in all bolts loosely, then tighten after unit is completely in place.

4. (Figure 60) Bolt elevator tie brace to elevator post.

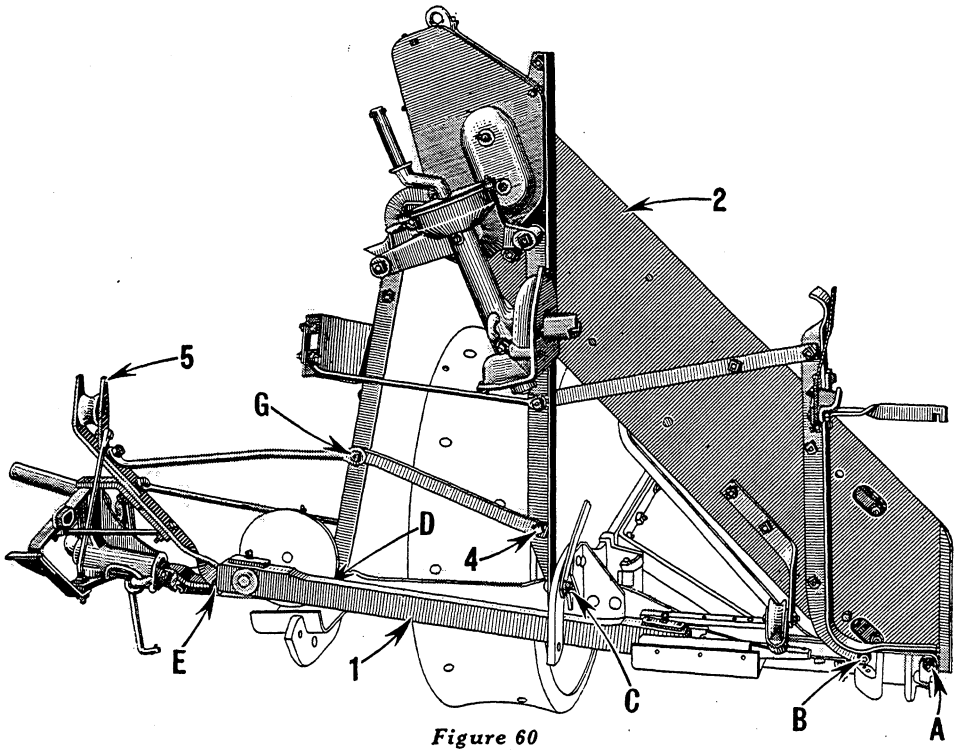


Figure 60

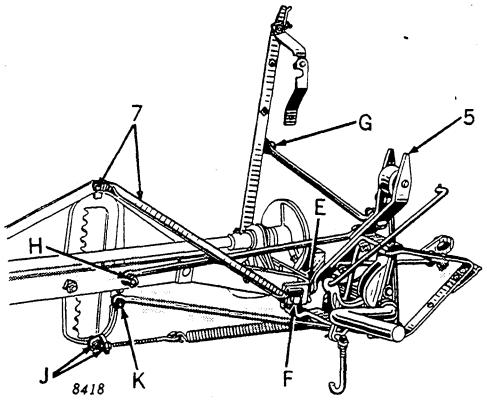


Figure 61

5. (Figures 60 and 61) Attach front binder rest and bundle carrier crank assembly. Bolt in order "E, F, G, H, J, K," at same time attaching angle brace loosely to upper bolt in right-hand sector at "7" and to main frame at "F," Figure 61.

6. Tighten all bolts with exception of upper bolt in right-hand sector at "7," Figure 61. Eyebolt at "J," Figure 61, provides adjustment for bundle carrier return spring. Spring should have enough tension to return carrier quickly from folded position and to aid in lifting carrier after dumping.

REAR ELEVATOR—SEAT PIPE

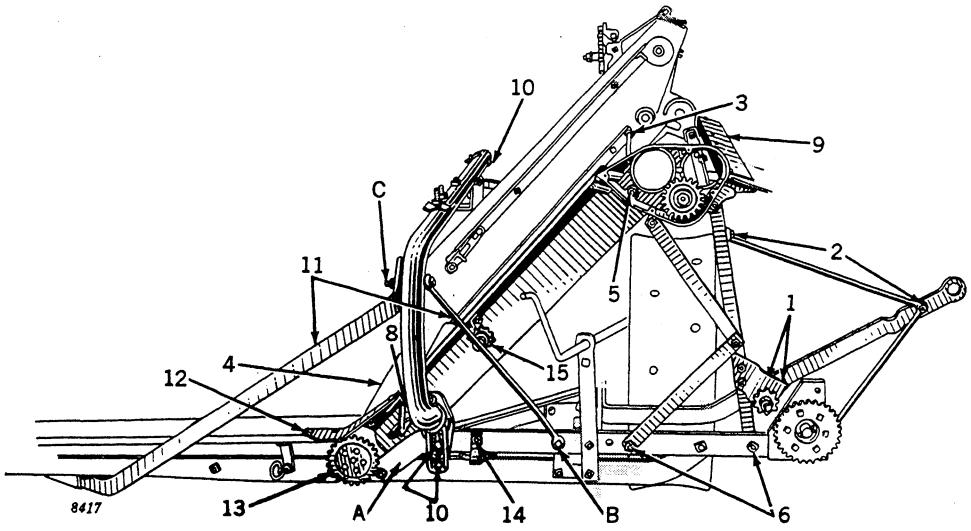


Figure 62

1. (Figure 62) Bolt rear binder rest to main frame. Install binder rest between angle bracket and flat brace on main frame. See "A," Figure 64.

2. (Figure 62) Bolt round brace loosely to rear binder rest and rear elevator support.

3. (Figure 62) Secure elevator tie rod in front elevator bracket.

4. (Figure 62) Set lower elevator, lower roller in place in front elevator with washer, B900HW, between slide box and roller (see "A," Figure 71.)

5. (Figure 62) Remove cover from rear elevator spur gear case. Slip rear end of elevator tie rod through rear elevator bracket and secure nut loosely. Place rear end of lower roller in slide box and bolt elevator in place. Place elevator slide toward front of rear main frame sill "A," Figure 62.

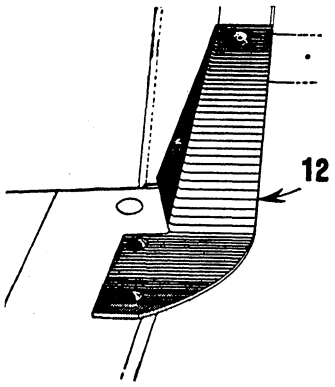


Figure 63

6. (Figure 62) Bolt elevator support to front of main frame sill, and bolt diagonal brace to rear of main frame sill.

7. (Figure 64) Bolt round brace loosely to rear binder rest and to main frame as shown.

8. (Figure 62) Attach canvas tightener lever and secure with cotter pin. See "B," Figure 71, also.

9. (Figure 62) Attach groove bar for decks.

10. (Figure 62) Bolt seat pipe to main frame and elevator rear side, and to front seat pipe support. If kaffir corn seat pipe is used in place of regular seat pipe, attach as per instructions on Page 69.

11. (Figure 62) To attach seat pipe braces, first attach brace to main frame at "B" loosely. Next bolt angle brace to platform, then bolt braces to seat pipe at "C." Be sure to attach angle brace at proper hole at "C," to level and take twist out of platform.

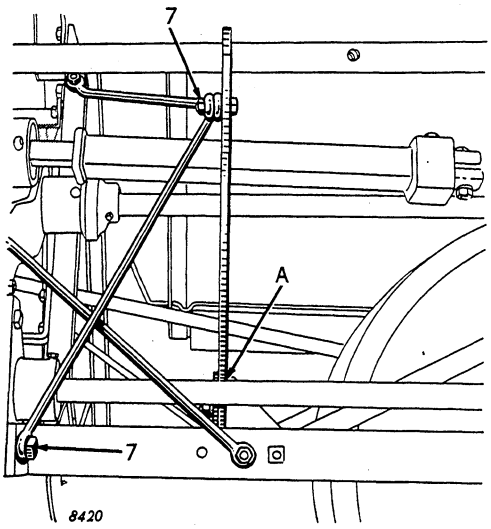


Figure 64

12. (Figures 62 and 63) Bolt platform drive sprocket shield to top of platform rear board and elevator side.

13. (Figure 62) Attach platform roller drive sprocket.

14. (Figure 62) Bolt rear inner reel support sheave assembly loosely to main frame rear sill. Do not tighten until reel support chains and rods are attached.

15. (Figure 62) Bolt platform and elevator drive chain idler sprocket to elevator side.

16. Do not square elevator until binder is completely set up and resting on its own wheels. See instructions, Page 59.

LOWER ELEVATOR DRIVE ROLLER AND DECK ROLLER

1. Loosen bolts which hold adjuster crankshaft bracket assembly and remove cover over front elevator spur gears.

2. (Figures 65 and 66) Remove intermediate gear and slip lower elevator drive roller through rear elevator gear bracket and screw spur gear onto front roller gudgeon as shown, Figure 65. Roller bearings for front and rear of this roller are packed in twine can.

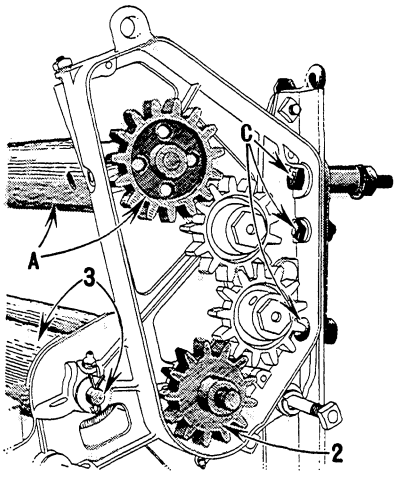


Figure 65

To install B712HW front bearing for lower elevator drive roller: Remove Zerk fitting from bearing box. Before roller gudgeon has been inserted in front bracket, tip front bearing and slide into elevator bracket until pipe for Zerk fitting slips into opening in bottom of case. Slide bearing into position and replace Zerk fitting.

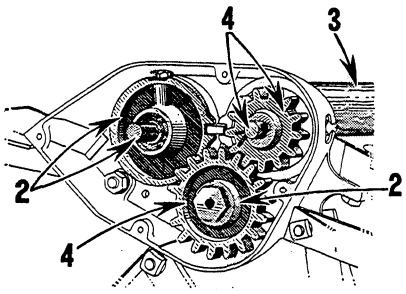


Figure 66

3. (Figures 65 and 66) Slide deck roller through rear bracket and secure at front end with cotter.

4. (Figure 66) Replace gears, being sure that rear boxes are locked in elevator bracket.

5. (Figure 67) Replace cover for rear elevator spur gears.

6. (Figure 67) Replace lower elevator sprocket and gear rear.

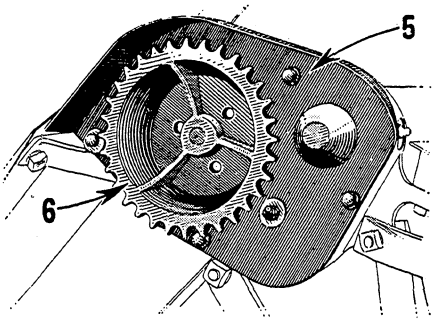


Figure 67

UPPER ELEVATOR AND ROLLERS

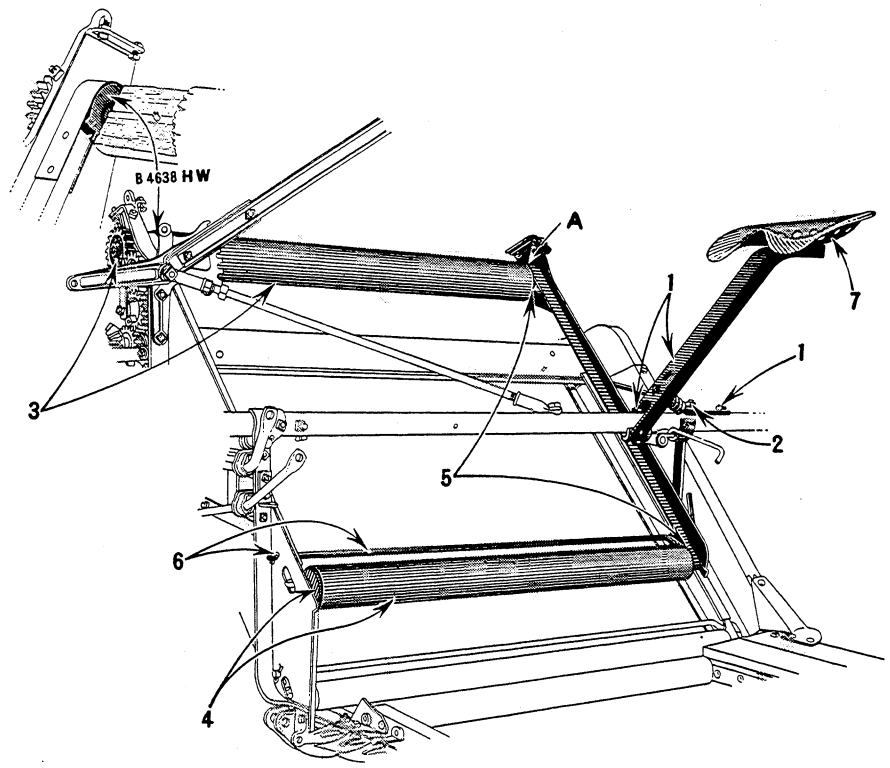


Figure 68

1. (Figure 68) Set seat standard so that notch at lower end sets over and around seat pipe. Insert support bracket (B943HW) into hole in leg of standard toward platform. Insert support bracket (B942HW) into hole in leg of standard toward elevator, bring curved portion of the two brackets together around bottom of seat pipe and bolt to pipe. Bolt spring support loosely to top side of seat pipe.

2. (Figures 68 and 69) Put rear upper elevator in place and secure with bolt through seat pipe and seat spring bracket.

3. (Figure 68) Put upper roller through front elevator bracket and screw gear tight on gudgeon ("A," Figure 65). Be sure washer (B4638HW) at front end is in place as shown in Figure 68.

4. (Figure 68) Set lower roller in front elevator with B50HW washer between slide box and roller, the lug on the washer locks on the bottom side of slide box.

UPPER ELEVATOR AND ROLLERS

5. (Figure 68) First, slip lower roller in slide box and then upper roller in wood bushing in rear elevator. Place washer on upper roller between roller and wood bushing with lugs on washer in holes in bushing at "A," Figure 68. Bolt rear upper elevator lower support in place at "B," Figure 69.

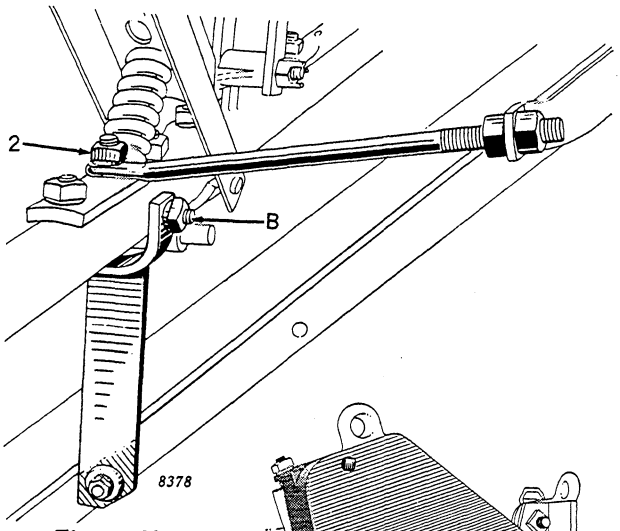


Figure 69

6. (Figure 68) Insert canvas tightener lever rod. Replace cotter pin in front end.

7. (Figure 68) Bolt seat to seat standard.

8. (Figure 70) Replace cover over front elevator spur gears.

9. (Figure 70) Replace drive pinion for adjuster crankshaft and reel drive.

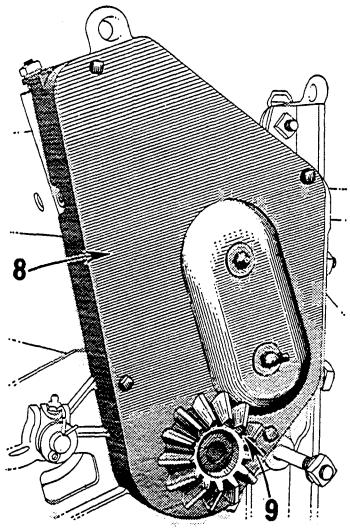


Figure 70

REEL SUPPORTS—BINDER SHIFTER—BUNDLE CARRIER—DUMP CRANK

1. (Figure 71) Attach adjuster crankshaft bracket assembly. Do not tighten bolts until so directed.

2. (Figure 71) Secure binder shifter crank with supports to front elevator, as shown. Bolt round brace from elevator post to outer support with crooked bent end of crank toward inside.

3. (Figure 72) Hook binder shifter link into shifter crank, hooking toward bundle carrier.

4. Hook end of bundle carrier dump crank in bracket at "C," Figure 71, and support at "D," and "E," Figure 71. Attach crank with crooked bent end toward the inside.

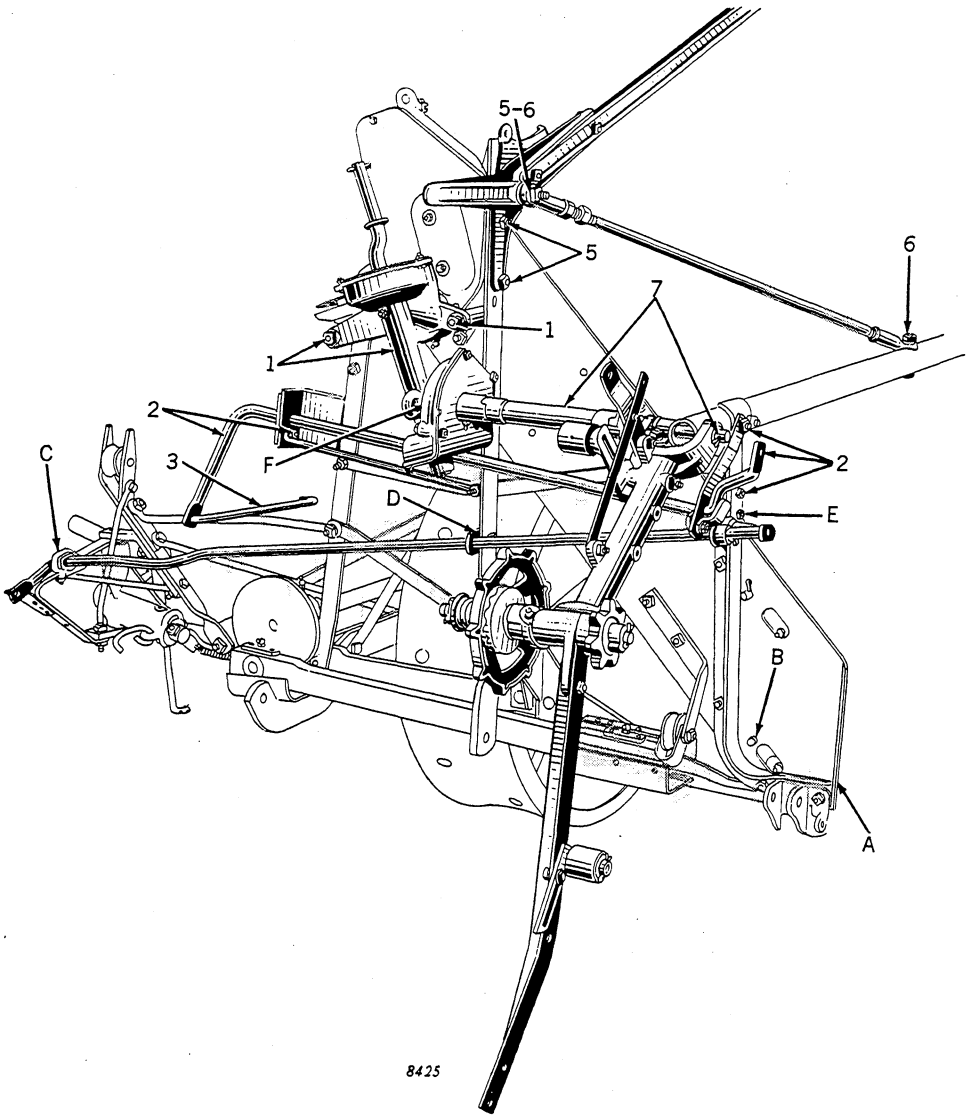


Figure 71

5. (Figure 71) Bolt tilting lever to front elevator post, see "C," Figure 65. If control levers are used, attach tilting lever crank at this time. See instructions 2, Page 66. If elevator post extension is used, see Page 70.

6. (Figure 71) Bolt elevator squaring brace to seat pipe and to tilting lever sector. Do not attempt to square elevator at this time.

7. (Figure 71) Set reel frame in place as shown and secure by slipping shaft through from platform side. Secure shaft with cotter pins at "F," Figure 71.

POWER SHAFT AND DRIVE CHAINS

1. Set power shaft assembly in position and bolt loosely at "A," Figure 72. Attach rear binder drive support angle to rear power shaft support and rear pitman box support at "B," Figure 74. Bolt pitman drive chain tightener bracket at "C," Figure 74.

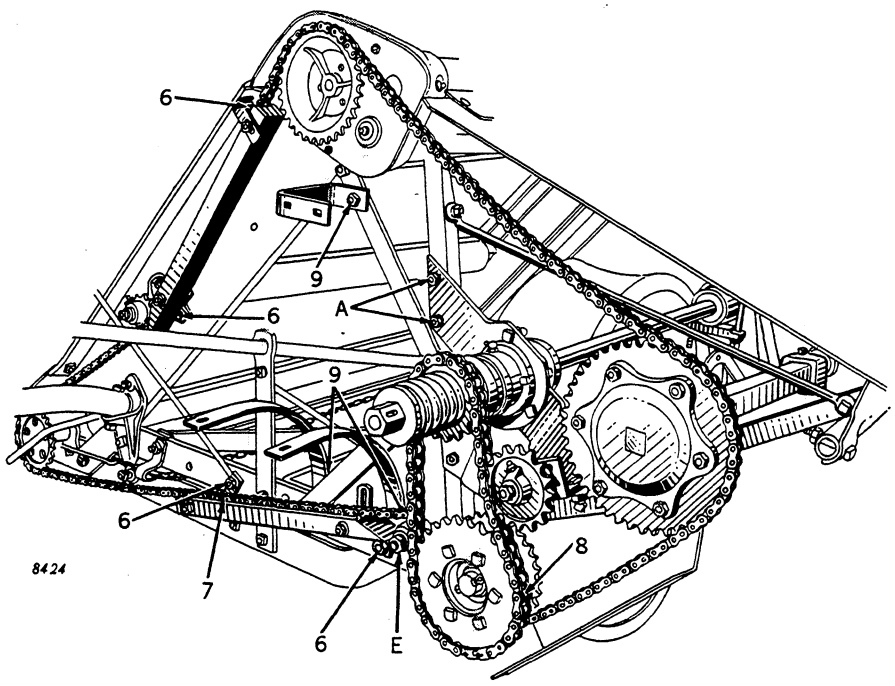


Figure 72

2. (Figure 73) Bolt front bearing box to main wheel sector and at the same time attach front power shaft shield. Attach front of shield at "A," Figure 73.

3. (Figure 74) Bolt binder driven sprocket assembly loosely to rear binder drive support angle.

4. (Figure 74) Bolt round brace to rear binder drive bearing and to right-hand cross sill.

5. Do not tighten bolts until completely assembled.

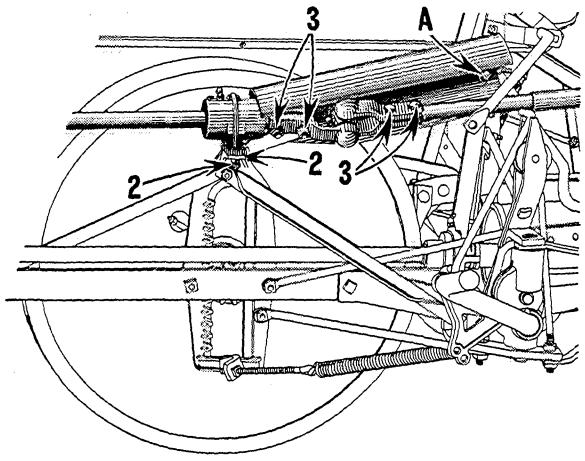


Figure 73

6. (Figure 72) Bolt chain guide for platform and elevator chains as shown.

7. (Figure 72) Put on platform and elevator drive chain. Attach tightener sprocket, "E," Figure 72, and adjust tension of chain.

8. (Figure 72) Put on pitman drive chain and adjust tension with tightener.

9. (Figure 72) Bolt twine can brackets to front of main frame rear sill and to elevator diagonal tie brace.

10. Bolt pitman drive chain shield in place at "3," "7," and "B," Figure 74. Shield is shown in dotted lines.

11. Tighten all bolts. Make sure shields are in position.

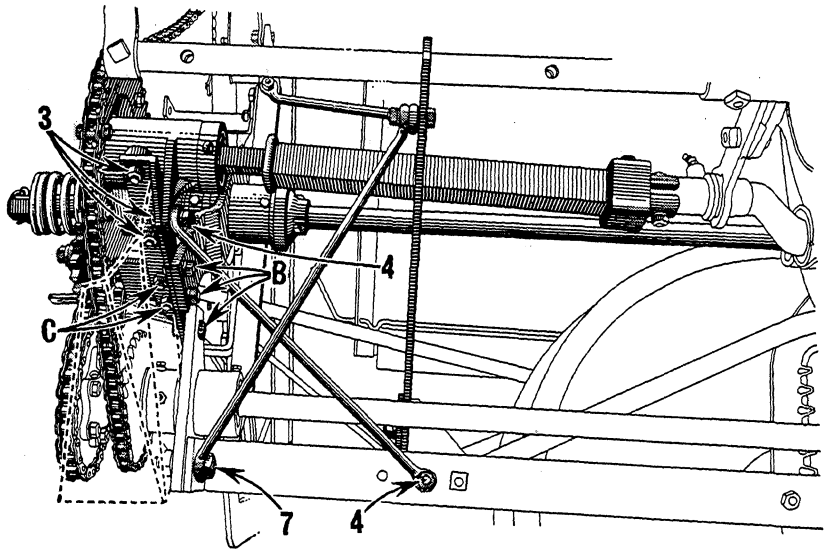


Figure 74

TRACTOR HITCH—POWER DRIVE

1. (Figure 75) Bolt center pull strap to hitch. Fasten tractor hitch to binder with pins and cotters at "A," "B," and "C." Insert pin at "A" toward platform.

2. (Figure 75) Attach tilting lever connection straps with adjusting holes at the top.

3. (Figures 73 and 75) Bolt rear half of universal joint to power shaft front and, at the same time, bolt telescoping square shaft to front half of universal.

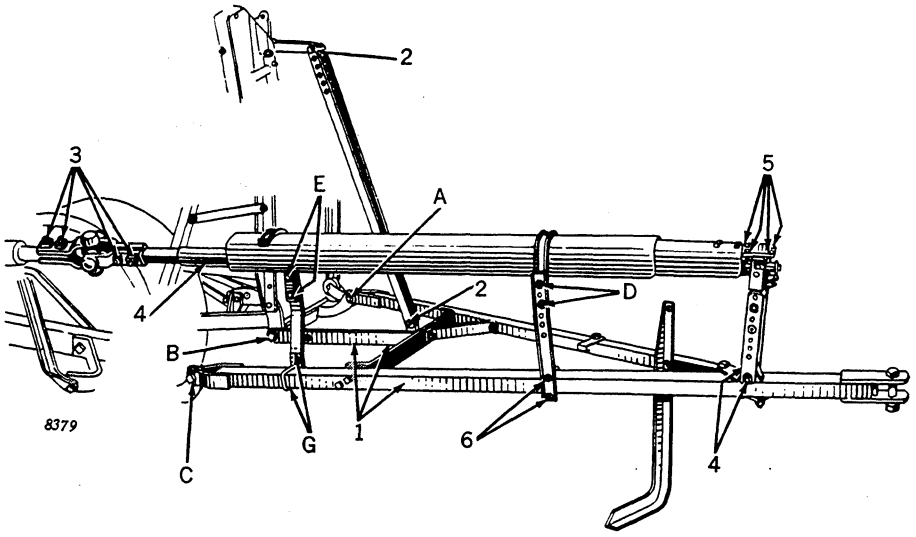


Figure 75

IMPORTANT: Tighten attaching bolts evenly and be sure side bars fit down evenly on square shafts and on center block. Be sure leather washers are in place on center block. LUBRICATE UNIVERSAL FREELY.

4. (Figure 75) Slide telescoping pipe onto square shaft and bolt front bearing lower support bracket to tractor hitch as shown.

5. (Figure 75) Bolt power shaft front shield support plate to top of power shaft bearing housing as shown. Do not tighten rear pair of bolts.

6. (Figure 75) Bolt shield adjustable support arms to brackets on power shaft long shield as shown at "D" and "E," Figure 75. Insert carriage bolts from inside. Bolt adjustable support arms to hitch pipe with U-bolts furnished. Place support arm with the greater offset to rear, on hitch pipe.

NOTE: Height of shield is adjustable at "D" and "E," Figure 75, so it will work with all hook-ups.

GRAIN WHEEL—OUTSIDE DIVIDER—OUTSIDE REEL SUPPORT

1. (Figures 76 and 77) Attach outside reel support post as shown.

2. (Figure 76) Remove angle post from outside divider support bar. Bolt post to support bar and to grain axle bracket, as shown. Bolt brace to inside of post.

3. (Figure 76) Hook grain wheel raising chain rod into axle bracket with hook end of rod out, and lay chain over platform.

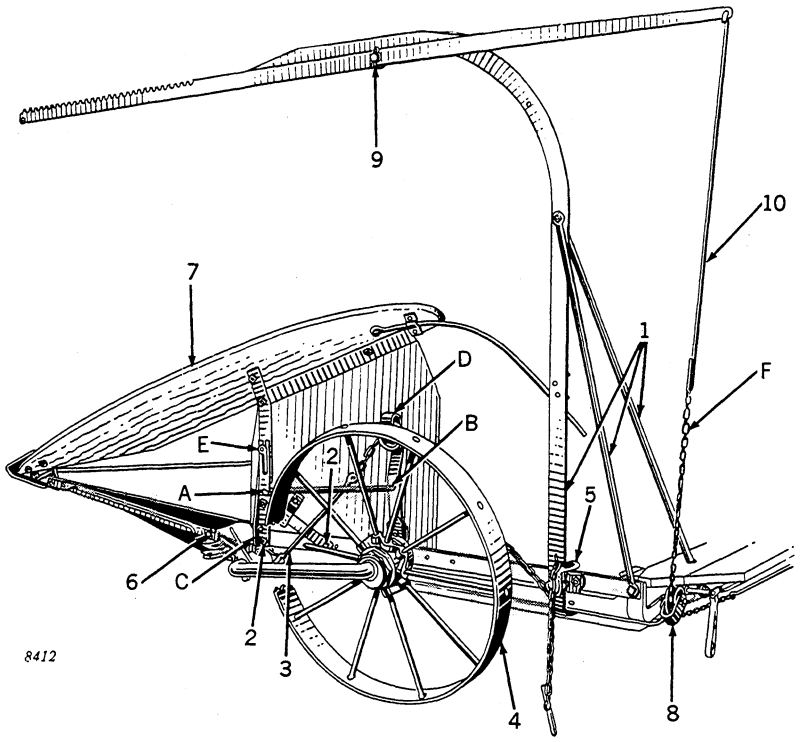


Figure 76

4. Remove stop pin "C," Figure 76, in grain wheel axle. Hook bent end of parallel rod into post at "A" and into standard at "B" at the same time slip grain wheel into position and axle into bracket on platform.

5. (Figure 76) Run raising chain over pulley at "D" and secure in bracket with lock.

6. (Figure 76) Attach outside divider point assembly.

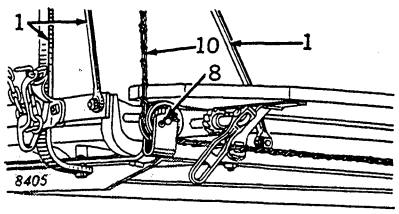


Figure 77

7. (Figure 76) Bolt divider sup-

port, shield and deflector rod to board and set board in place. Set slot in support over rivet in post and secure with tail nut at "E." Be sure that shield clips set over post brace and outside divider support bar. Bolt board to divider point.

8. (Figures 76 and 77) Attach rear outer sheave for reel support chain.

9. (Figure 76) Place outside reel rack in place on post and fasten with cotter pin.

10. (Figures 76 and 77) Attach reel support chains and rods. Long rod with long narrow hook down, attaches to outer reel rack. Be sure to run rod through eyebolt on rear of platform. There are additional links of chain in twine can if required. Adjust level of reel at "F," Figure 76.

LEVERS AND INSIDE DIVIDER

1. (Figure 78) Bolt lever brackets, with levers and inner reel rack support, to seat pipe.

2. (Figure 78) Hook foot treadle connecting rod into bundle carrier dump crank, hooking toward binding attachment, and fasten foot treadle crank in bearing on seat pipe, with cotter pin. Foot treadle strap is in twine can.

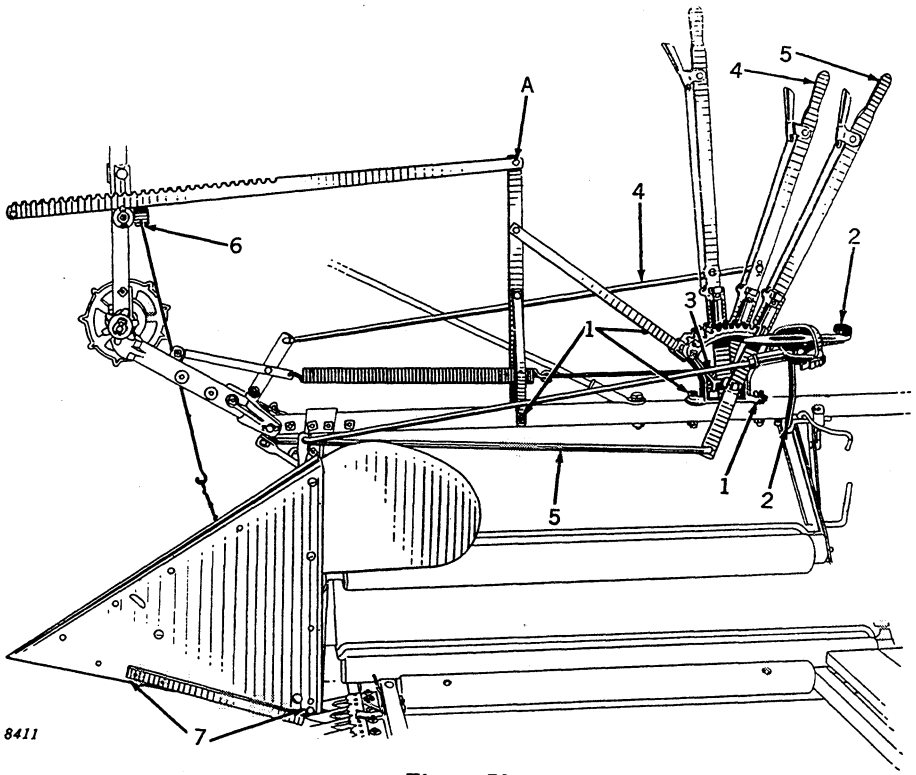


Figure 78

3. (Figure 78) Hook reel lifting spring into connection strap and lower reel support. Lift up reel support and secure rod in lever rack. The reel lifting spring should have just enough tension so the reel lifts easily. Make this adjustment after reel slats are attached.

4. (Figure 78) Hook reel lifting rod into standard at lower reel support, hooking toward platform. Fasten in lever with cotter pin as shown.

5. (Figure 78) Hook binder shifter rod into crank. Hook toward platform. Fasten in lever with cotter pin.

6. (Figure 78) Hook reel support chain rod into bracket on inner reel rack. This is the short rod and should be installed to the right of lower reel support. Fasten rack to post at "A" with cotter pin.

7. (Figure 78) Fasten inside divider with pin through hinge and cutter bar shoe. Put pin through from cutting side and fasten with cotter pin. Lock divider at top with latch. Attach brace rod from divider to upper bolt for reel support chain sheave bracket. Set the outside divider outside the elevator plate so that grain will not catch on the plate.

REEL

1. Rest inner reel rack on chain tightener roller, as shown in Figure 78. Place reel lifting lever in middle position on racket.

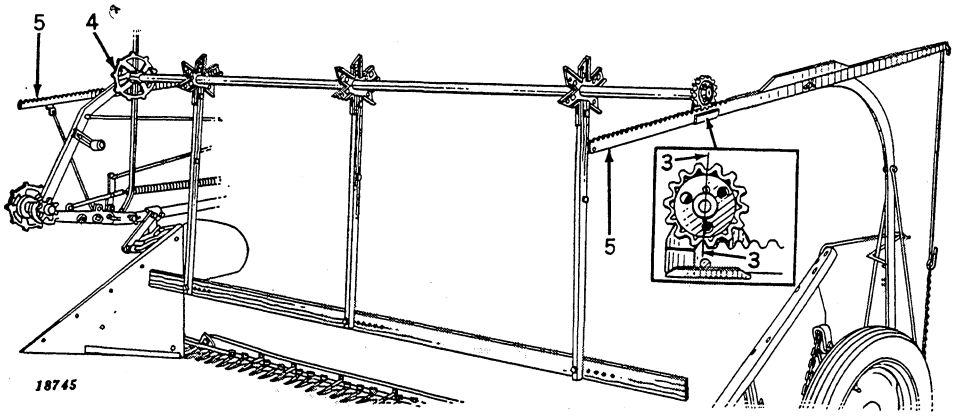


Figure 79

2. Remove stop bolts in reel racks at 5, Figure 79.

3. (Figure 79) Start reel rack gears into first tooth of the racks evenly. They must both be started the same, see Figure 79. Then swing slides down over racks and push reel back.

4. (Figure 79) Bolt pipe bracket to reel support angle, raising reel with right-hand and securing bolt with left-hand.

5. (Figure 79) Replace stop bolts in reel racks.

6. (Figure 80) Hook reel shifting rod in angle and fasten to lever with cotter pin. Install hook on rod toward platform.

7. (Figure 80) Pass reel slide bar in groove between guide bracket and pipe bearing. Bolt bar to rear of bracket on reel drive shaft.

8. (Figure 80) Bolt slide bar brace to slide bar as shown.

9. Level reel pipe by lengthening or shortening reel support chain at "F," Figure 76.

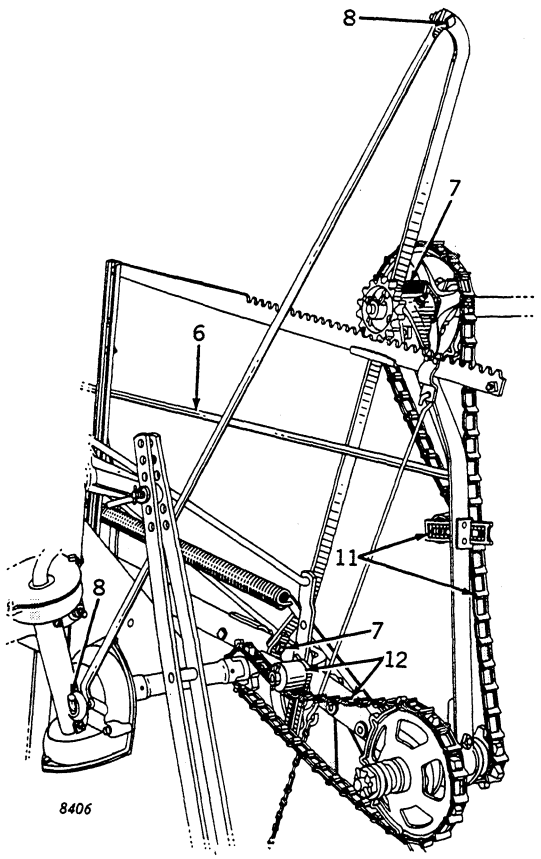


Figure 80

10. Attach reel arms and slats, Figure 79. Reel slats should be attached so that plain side of slat, as well as head of slat bolts, works against the grain. True up the slats at inner end so they just clear the inside divider. Tighten the bolts, in each slat and the arms, as you line them up.

11. (Figure 80) Put long or upper chain over reel pipe and connect chain. Place chain over lower sprocket with slot side out and hook end pointing in direction sprockets turn. Turn chain onto upper sprocket by turning reel pipe. Adjust tightener.

12. (Figure 80) Set lower chain tightener up. Put short chain over small sprocket. Connect the chain and turn onto large sprocket. Adjust the tightener.

13. Adjust reel lifting spring at "3," Figure 78, so that reel lifts easily.

WINDSHIELD

1. (Figure 81) Bolt windshield support with brace to seat pipe.

2. (Figure 81) Hook parallel rod into bracket on windshield and attach parallel rod to seat pipe.

3. Bolt windshield to support. Put bolt in from top side. Shield must pivot freely. Adjust support brace nuts at "A," Figure 81, to level windshield.

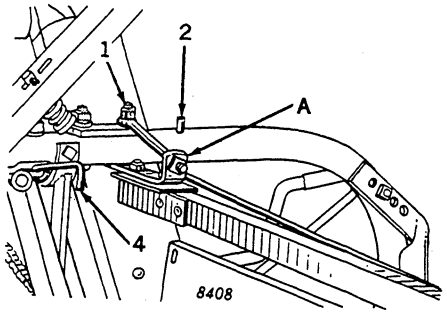


Figure 81

4. (Figure 81) Hook adjusting link into adjusting plate.

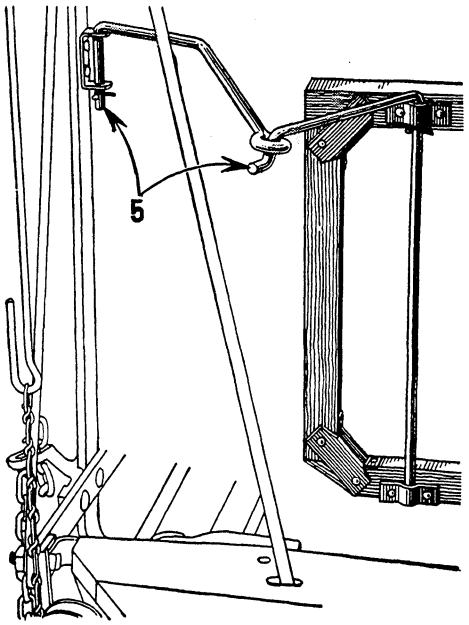


Figure 82

5. (Figure 82) Connect support rods at outer end of windshield. With cotter pin fasten outside rod to bracket on outside reel support post (10-foot only).

BINDER ATTACHMENT

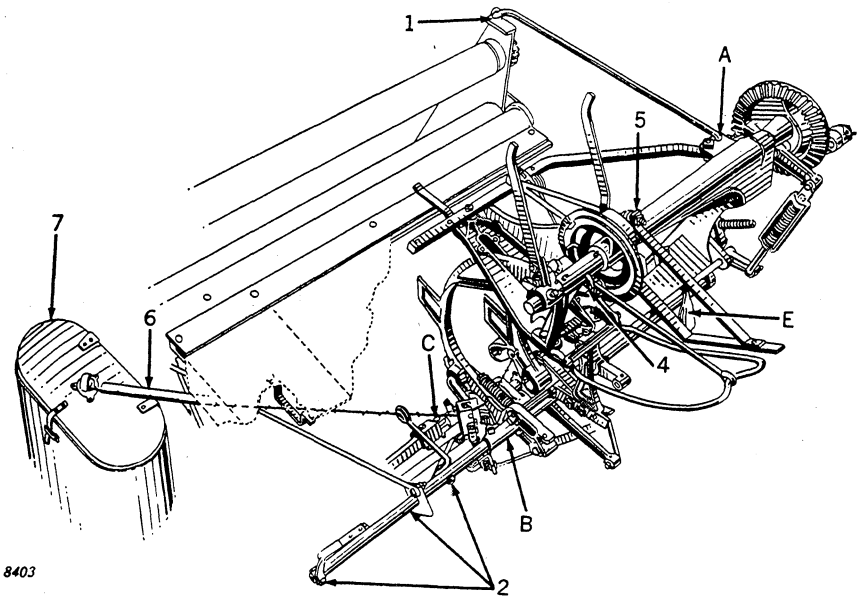


Figure 83

1. (Figure 83) Hook radius rod into elevator bracket.

2. (Figure 83) Put extension pipe through rear binder rest, and re-bolt deck support to pipe. Be sure that deck support and twine guide set as shown.

3. Set binder attachment on front binder rest "E," Figure 83, and fasten radius rod at "A" with cotter pin. Connect extension pipe at "B," Figure 83. Connect square drive sleeve coupling at "C," Figure 83. Connect shifter link at "D," Figure 92.

4. (Figure 83) Attach stripper to breast plate and secure brace to knotter frame with cotter pin.

5. (Figure 83) Bolt front stripper to binder frame. Do not change adjustment of nuts on inner side of binder frame.

6. (Figure 83) Bolt twine guide to twine can lid.

7. (Figure 83) Attach twine can with the washers under head of bolt inside of twine can.

8. Be sure all nuts are tight and all cotter pins are spread.

9. If front packer is attached, see instructions on Page 64.

DECK—ADJUSTER—GRAIN DEFLECTOR

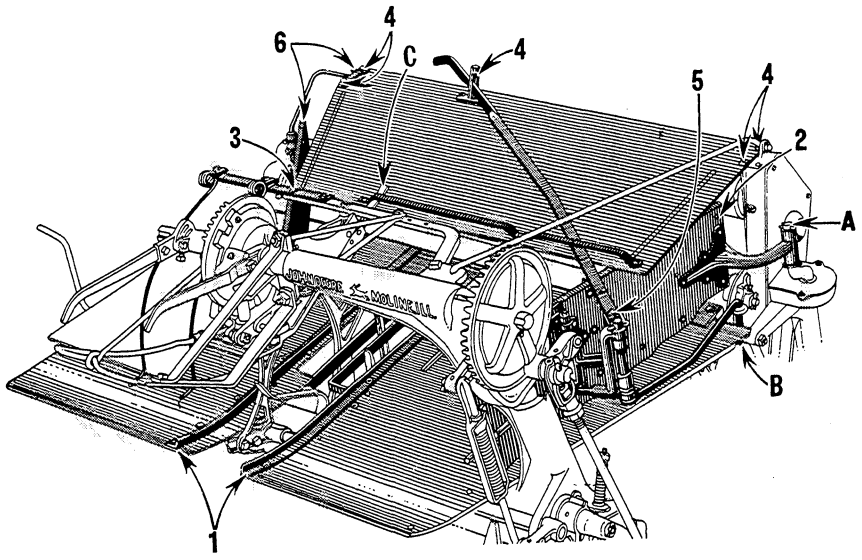


Figure 84

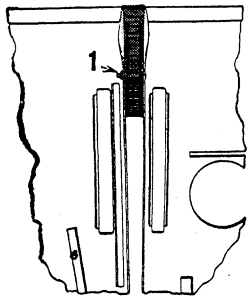


Figure 85

1. (Figures 84 and 85) Bolt front and rear decks together with deck connection and remove other bolts. Hold complete deck firmly and insert in binder attachment from the top, then place in grooved bar. Fasten the four small bolts securely. Bolt deck extension to grooved bar at rear of binder.

2. (Figure 84) Scrape paint from adjuster crank and set adjuster in place. Insert cotter pins at "A" and "B."

3. (Figure 84) Bolt check spring rail extension to top of breastplate support bar.

4. (Figure 84) Assemble adjuster shifter lever on grain deflector. Pass deflector guide strap over breast plate extension at "C" and secure cover with four bolts. Put all four bolts in from the bottom.

5. (Figure 84) Bolt lever to adjuster.

6. (Figure 84) Secure windboard in bracket with set screw.

BUNDLE CARRIER

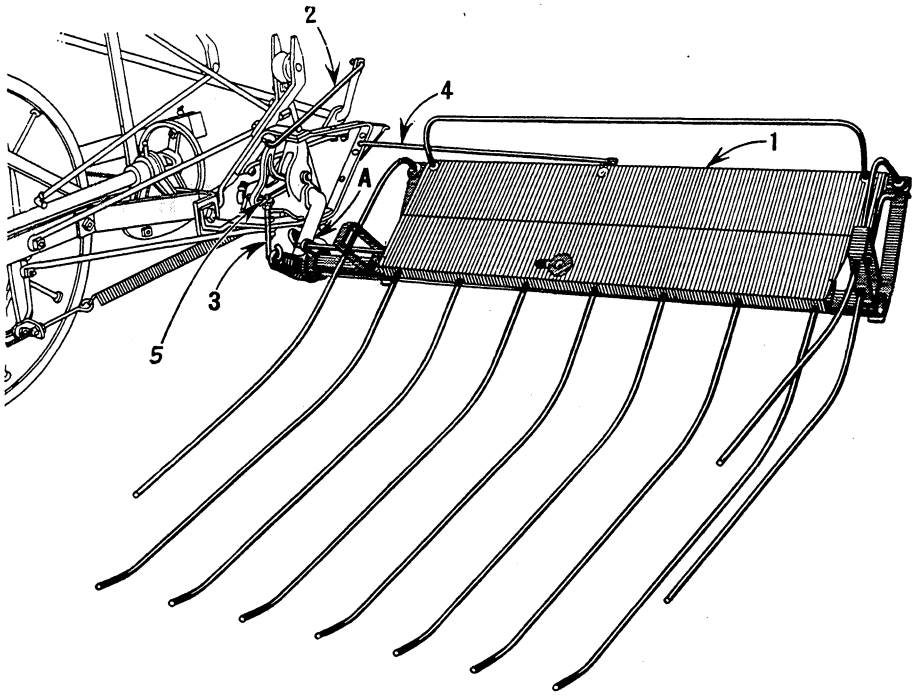


Figure 86

1. (Figure 86) Slip bundle carrier onto crank at "A."

2. (Figure 86) Fasten connecting link to dump crank with cotter pin.

3. (Figure 86) Connect raising link to raising crank and fasten with cotter pin.

4. (Figure 86) Attach tooth paralleling rod.

5. Set adjusting nut for link in lower hole only when cutting short grain on hilly land.

6. Bundle carrier can be quickly removed by disconnecting rods "3" and "4" and tilting carrier back until hook "A," Figure 86, clears dump crank.

SQUARING ELEVATORS

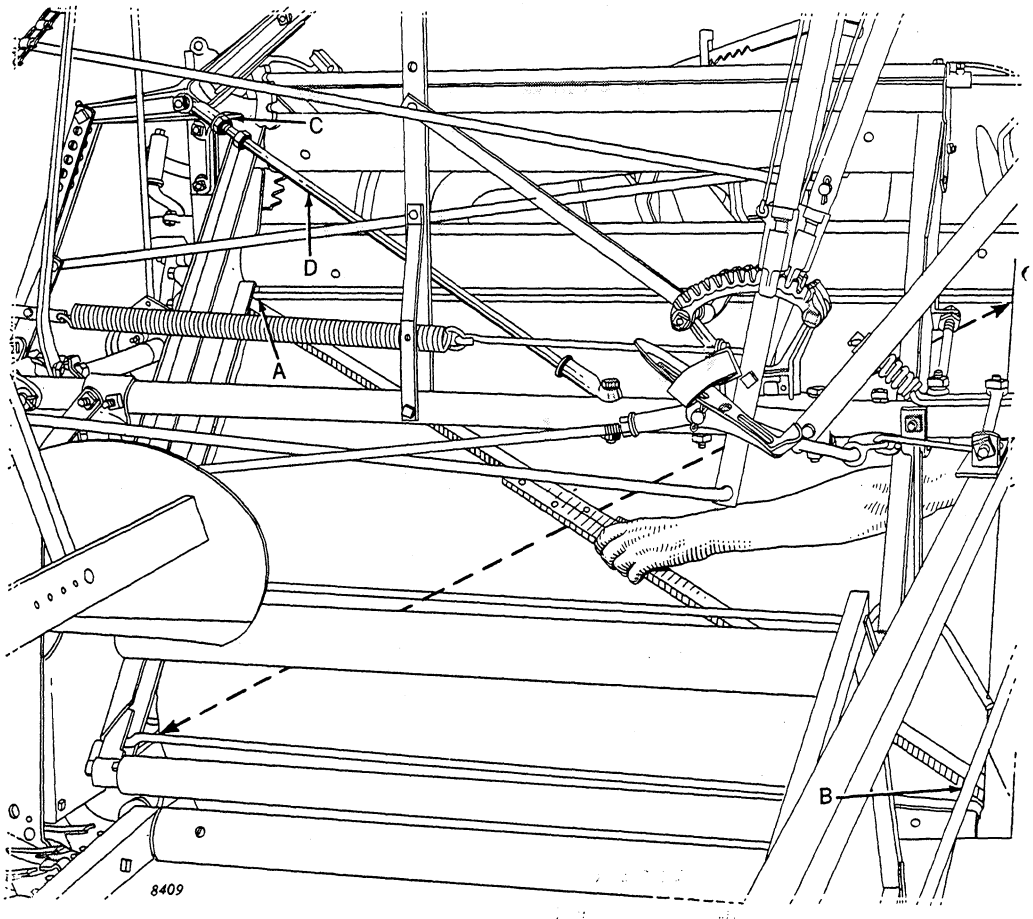


Figure 87

Failure to square elevators may ruin canvases.

Do not attempt to square elevators until binder is completely set up with tractor hitch tilting straps connected to hitch and machine setting on its wheels in regular way. Be sure all bolts are tight before squaring elevators.

Before tightening bolts which hold adjuster crankshaft bracket assembly, remove cover on the bracket. Make sure that gear "9," Figure 70, does not rub on the adjuster crankshaft bracket. Tighten bolts at "1," Figure 71.

1. Loosen bolts at "A," Figure 72, and at "A," Figure 73.

2. Use two reel arms or similar pieces for measuring and set them carefully in position "AB" as illustrated, Figure 87. Be sure canvas tightener lever rods are at the top of slotted holes in elevator rear side. Hold reel arms securely and place on dotted line, Figure 87. Be sure to place reel arms on canvas tightener levers in the same position as at "AB."

3. If the two measurements are not the same, make them so as follows: Loosen lock nut, "C," Figure 87, on adjusting brace "D," and turn brace in or out of socket, as necessary, to square lower elevator.

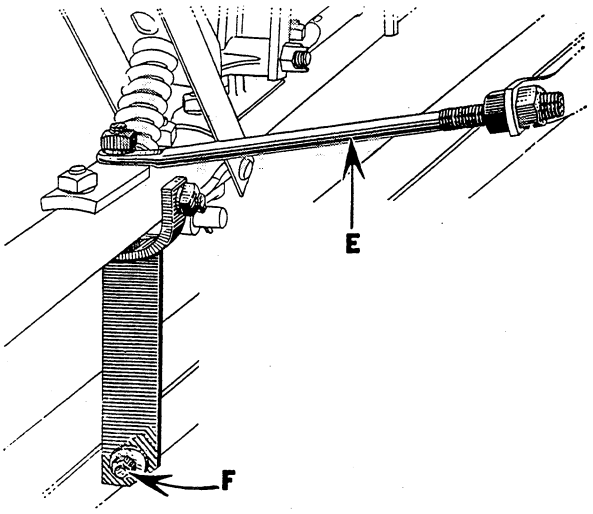


Figure 88

4. Use reel arms in upper elevator in same manner. Square and level upper elevator by means of the two adjustable supports "E" and "F," Figure 88.

5. Tighten all bolts and nuts.

CANVASES

1. Attach lower elevator canvas, upper elevator canvas, and platform canvas in order named.

2. Flaps on canvas should cover opening at buckles as canvases operate. Buckle all straps evenly.

3. Bolt retarding strap to outside cross sill, if condition of grain is such that it is necessary. See Page 13.

HOOKING UP TO TRACTOR

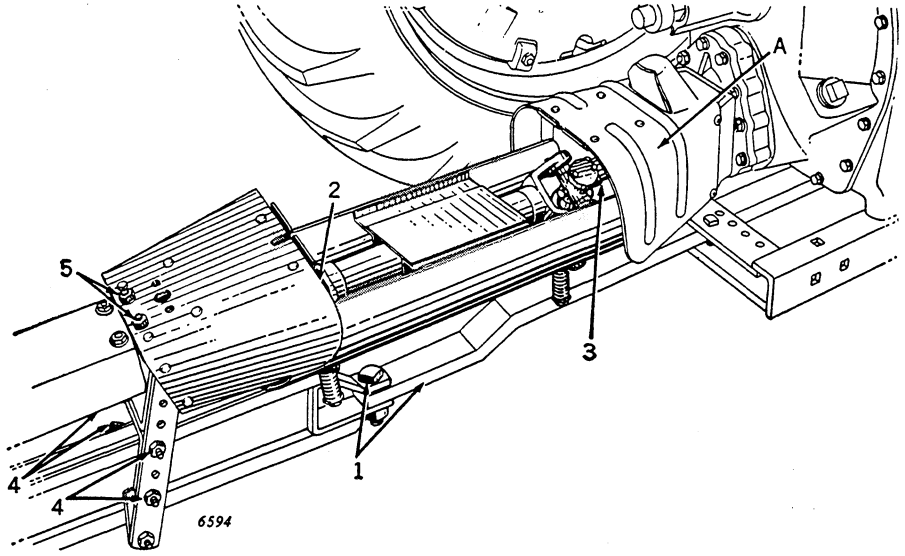


Figure 89

1. (Figure 89) Adjust tractor drawbar so it conforms to settings established by standardization program. (See Pages 62 and 63.) If such dimensions cannot be obtained on tractor, it will be necessary to order conversion parts from **tractor manufacturer.** Be sure tractor drawbar is rigidly secured in a position directly below power line. Connect Binder to tractor.

2. (Figure 89) Remove tape around key in front end of telescoping pipe for power drive. Remove cap screw, lugged lock washer and notched retaining washer from front end of telescoping pipe. Slide rear universal joint onto front end of telescoping pipe and replace notched retaining washer, lugged lock washer and cap screw. Be sure to fit bent lug on lock washer into notch in retaining washer and to bend remaining lugs on lock washer over head of cap screw.

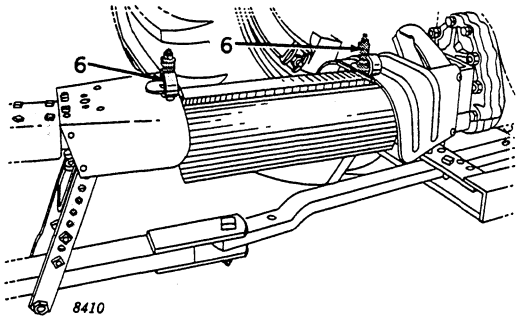


Figure 90

3. (Figure 89) Slide front splined universal joint onto take-off shaft and secure in place with clamp bolt.

4. (Figure 89) Adjust the height of power shaft front bearing as shown.

5. (Figure 89) Bolt power shaft shield to **rear** set of holes in power shaft front bearing housing.

6. (Figure 90) Attach universal joint and pipe connection shield to take-off shaft shield on tractor and to shield on power shaft front bearing as shown.

TRACTOR DRAWBAR AND POWER TAKE-OFF SHAFT STANDARDS

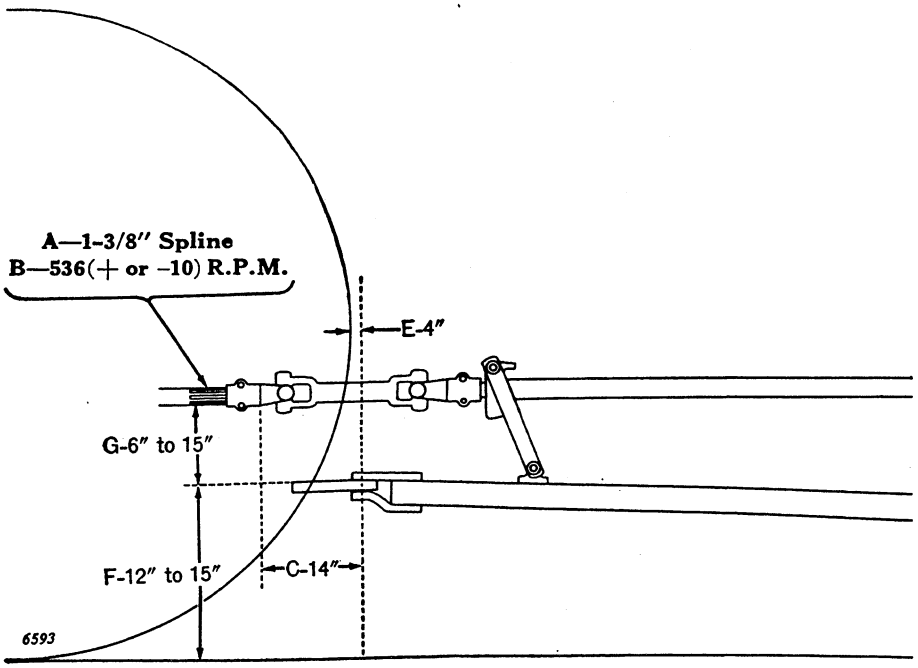


Figure 91

The American Society of Agricultural Engineers has recommended standards for tractor and implement hitches with which all farm tractor manufacturers are conforming. The Committee on Farm Safety of the Farm Equipment Institute in the interest of farm equipment safety has also recommended full recognition of these standard dimensions by both tractor and implement manufacturers.

These standards are intended to assure greater protection for operator and to simplify the problem of connecting the hitch, power line, and shield equipment of a driven implement to the drawbar, take-off shaft, and master shield of a tractor.

There will be conversion parts available for almost every old tractor built. There are, however, a few exceptions. In these cases home-made equipment will be required.

SAFETY FIRST

Every operator must cooperate fully in the shielding of rotating Power Shafts—an exposed Power Shaft can be deadly.

TRACTOR DRAWBAR AND POWER TAKE-OFF SHAFT STANDARDS— Continued

The following are the standards referred to. If the dimensions given cannot be obtained with the equipment on the tractor, it will be necessary to purchase conversion parts from the tractor manufacturer. If parts are not available from him then they must be home-made.

A.S.A.E. TRACTOR STANDARDS

A. **1-3/8″ S.A.E. Standard 6-B Spline Take-Off Shaft on Tractor.** (See Figure 91.)

The only exceptions to this are the John Deere "G" and "GM" Tractors which have 1-3/4″ splined shafts and some of the older tractors that have 1-1/8″ shafts and for which conversion parts will not be available. Tractor manufacturers will have this information.

B. **536 R.P.M. (Plus or minus 10) Take-Off Shaft Speed.** (See Figure 91.)

Direction of rotation of shaft, clockwise, when standing behind tractor and looking forward.

C. **14″ horizontal distance between hitch point and end of splined take-off shaft.** (See Figure 91.)

This dimension is extremely important. If it is not maintained, universal joints will not work smoothly when turning corners with binder and tractor.

D. **Hitch point clamped rigidly, directly in line with center line of splined take-off shaft.**

E. **Not less than 4″ horizontal distance between hitch point and rearmost point on wheel.** (See Figure 91.)

F. **12″ to 15″ vertical distance between ground line and top of drawbar at point of hitch (15″ is preferred).** (See Figure 91.)

G. **6″ to 15″ vertical distance between top of drawbar at hitch point and center line of splined take-off shaft (8″ is preferred).** (See Figure 91.)

H. **Splined take-off shaft located on center line of tractor (Plus or minus 3″).**

I. **13/16″ Diameter of hitch hole in tractor drawbar.**

J. **Drawbar must clear a 3″ wide clevis with 3″ throat clearance, through a 90° turn to right or left.**

K. **Drawbar must be strong enough to carry a 500 lb. vertical load.**

L. **Tractor must have a master shield to which connecting shield (supplied by Implement Manufacturers) can be attached.** (See "A," Figure 89.)

M. **Implement manufacturers must furnish shielding for the part of power line that he supplies.** (See "6," Figure 90.)

SETTING-UP INSTRUCTIONS FOR SPECIAL EQUIPMENT

FRONT PACKER

Do not attach this packer when binder is set up. In most cases binder will operate better with two packers.

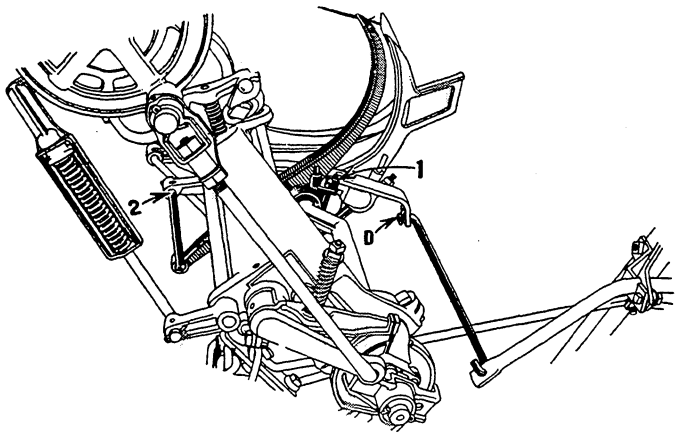


Figure 92

1. (Figure 92) When operator desires to use this packer, install as follows: Loosen lock nuts and place packer in position, being sure wood bearing and clamp bolt are in place.

2. (Figure 92) Connect packer link to packer link support.

3. Move rear deck support to forward hole in support pipe. When deck is attached, bolt to rear hole in deck.

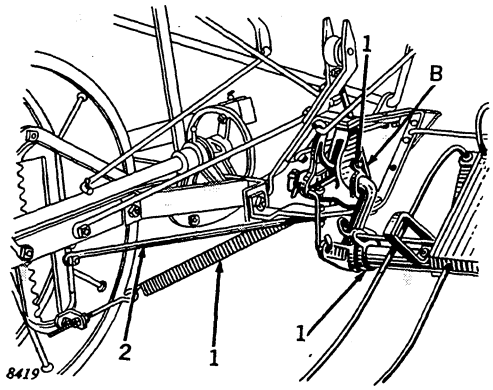


Figure 93

WIDE BUNDLE CARRIER

1. (Figure 93) If binder is set up and regular bundle carrier attached, remove regular bundle carrier, bundle carrier return spring, pipe crank, and swivel casting assembly; also lower support rod for swivel casting "B," Figure 93.

2. (Figure 93) Discard brace from lower support for swivel casting to sector.

3. (Figure 94) Set special pipe crank and swivel casting assembly in position and bolt loosely at "A." At the same time replace lower support rod "B," Figure 94.

4. (Figure 94) Bolt brace from bracket at end of dump crank pipe to main front sill.

5. Tighten all bolts.

6. (Figures 94 and 95) Bolt angle brace to underside of lower support for swivel casting and to main frame cross sill.

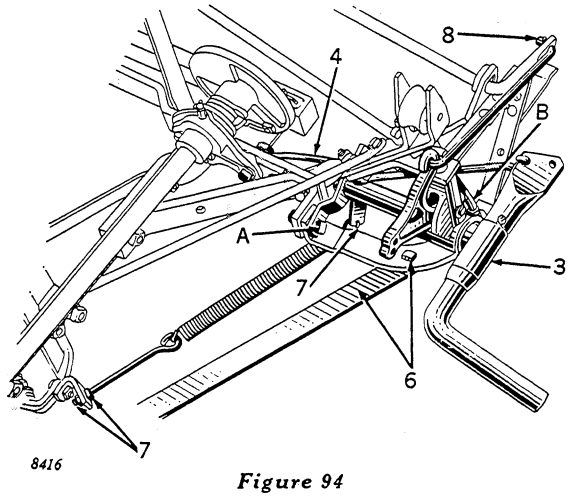


Figure 94

7. (Figure 94) Hook bundle carrier return spring into connection bolt on dump crank and connect adjusting bolt to bracket on sector. Have just enough tension on spring to aid in lifting bundle carrier after dumping.

8. (Figure 94) Fasten connection link from bundle carrier dump crank to raising crank with cotter pin.

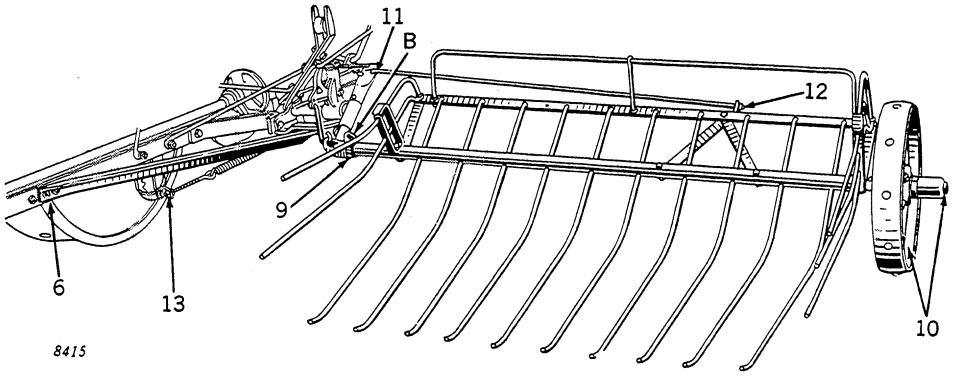


Figure 95

9. (Figure 95) Slip bundle carrier in crank and connect raising link. Set link in lower hole only when cutting short grain on hilly land.

10. (Figure 95) If using steel wheel, bolt inner axle collar to axle. Grease axle freely and put on wheel. Secure wheel to axle with collar and pin. Fill wheel with grease.

If using rubber tired wheel, secure wheel box and chilled sleeve to axle with pin. Put plenty of grease in wheel and bolt to wheel box.

11. (Figure 95) Fasten paralleling rod to connection on crank with cotter pin.

12. (Figure 95) Adjust paralleling rod so that bundle carrier wheel runs parallel with binder. Tighten lock nut.

13. (Figure 95) Check adjustment of bundle carrier return spring to be sure the carrier lifts easily.

The wide bundle carrier is quickly removed by disconnecting rods No. 9 and No. 11, Figure 95, and tilting carrier until hook "B," Figure 95, clears crank.

TRACTOR CONTROL LEVERS

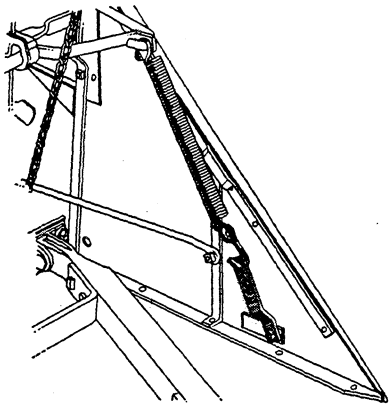


Figure 96

If control levers are used attach them before squaring elevators or putting on canvases. (See instructions on Page 59.)

1. (Figure 96) Bolt spring bracket to inside divider. Hook other end of spring over hook end of bundle carrier foot lever connecting rod.

2. (Figure 97) Block up front of binder and disconnect tilting straps. Assemble detent crank on platform tilting lever as follows: Remove elevator squaring brace from tilting lever hinge bolt and remove platform tilting lever. Remove detent spring and rear bolt in arm at "A." Insert long bolt, found in crank assembly, in arm. Replace detent spring, tilting lever, and elevator squaring brace. Attach crank as shown. Filler block goes between lever and crank plate.

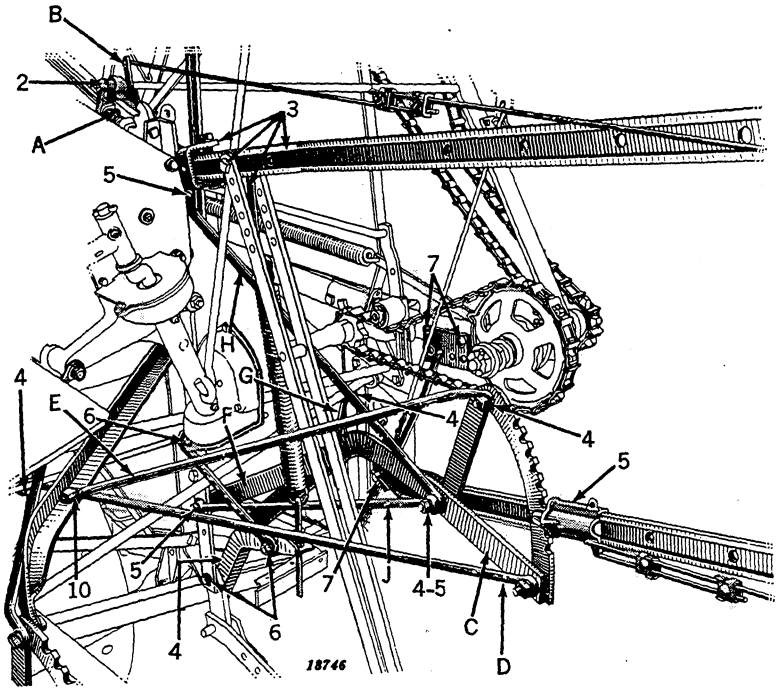


Figure 97

TRACTOR CONTROL LEVERS—Continued

3. (Figure 97) Hook tilting lever detent rod into detent crank at "B" and bolt tractor control tilting lever, tilting spring with attachment rod and tilting straps to tilting lever arm. Tilting spring attaching rod goes between tractor control lever and tilting straps. Remove blocking under front of binder.

4. (Figures 97 and 98) Flat support "C," for reel lifting sectors, bolts to rear of cutter bar and main frame sill (see "A," Figure 59). Round brace "D," Figures 97 and 99, bolts to front elevator brace angle. Bolt left-hand end of round brace "E," to top hole in sector. Do not attach right-hand end of brace at this time. Bolt flat brace "F," to right-hand side of support "C," at the same time bolting round brace "G" to left-hand side of support "C" and to front elevator.

5. (Figures 97 and 98) Attach reel lifting lever to sector as shown. At the same time, using lever hinge bolt, attach round braces, "H" and "J" to the right-hand side of support "C" in the order named. Bolt round brace "J" to right-hand side of leg of elevator support angle and at the same time bolt flat brace "F" to left-hand side of leg. Bolt round brace "H" to elevator support angle as shown in Figure 97.

6. (Figures 97 and 98) Bolt tilting spring arm and round brace to elevator support angle. Tilting spring should have just enough tension at "K," Figure 98, to allow the binder to tilt easily. Make this adjustment after lever attachment is completely assembled.

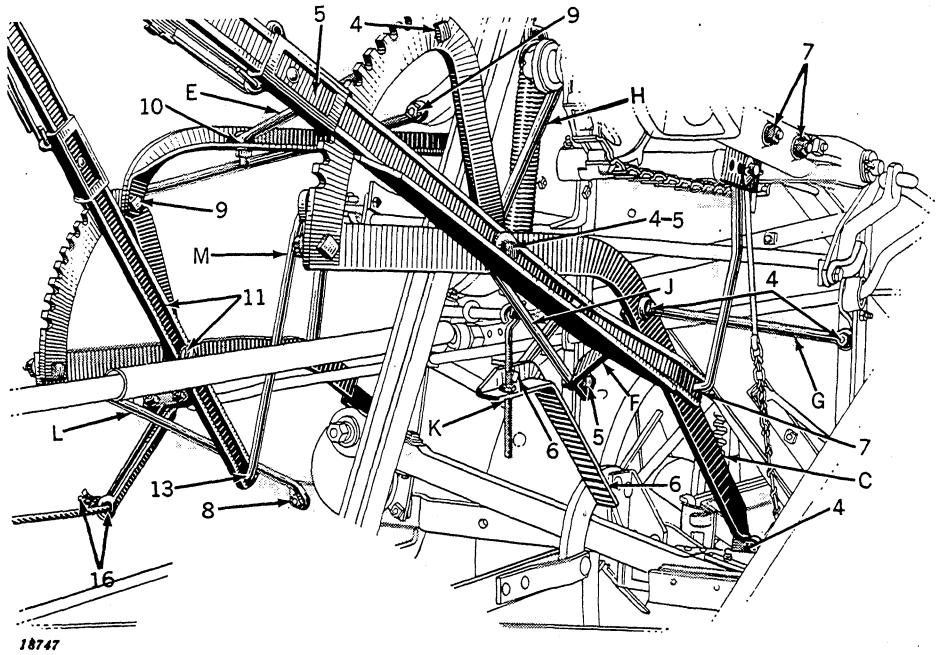


Figure 98

TRACTOR CONTROL LEVERS—Continued

7. (Figures 97 and 98) Bolt connecting plate, with rod attached, to lower reel support as shown. Connect rod to reel lifting lever.

8. (Figures 98 and 99) Bolt binder shifter lever sector support bar to front side of main frame corner brace. Brace "L" bolts to binder shifter lever sector and to main frame.

9. (Figures 98 and 99) Bolt angle brace from left-hand side of binder shifter sector to elevator support angle. At the same time attach brace from right-hand side of sector to adjuster crankshaft box.

10. (Figures 97, 98 and 99) Bolt brace "E" to angle brace "9."

11. (Figures 98 and 99) Attach binder shifter lever to sector with hinge bolt as shown.

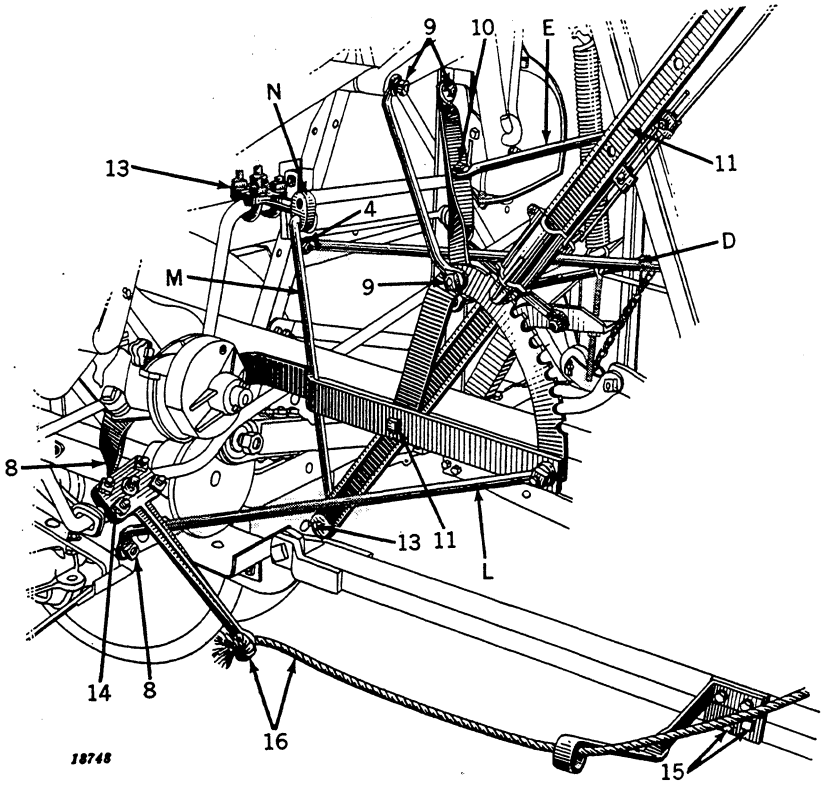


Figure 99

TRACTOR CONTROL LEVERS—Continued

12. Tighten all bolts and spread cotter pins.

13. (Figures 98 and 99) Shift binding attachment to rear position, set binder control lever at top of sector, then bolt connection to binder shifter crank, with binder shifter link "M," as shown. Connect link to binder shifter lever. Adjustment at "N" is provided to make lever more convenient to tractor operator.

14. (Figure 99) With bundle carrier in receiving position, bolt dump connection to crank in vertical position. Draw U-bolts up tight and lock with set screw.

15. (Figure 99) Bolt rope guide to tractor hitch.

16. (Figure 99) Attach bundle carrier rope.

KAFFIR CORN SEAT PIPE

If kaffir corn seat pipe is used in place of regular seat pipe, attach as instructed under Instruction 10, Page 43. The following instructions apply in place of those shown under Instruction 11, Page 43.

1. (Figure 100) Loosely attach left-hand angle brace "A" to underside of platform with three bolts. Secure reinforcing plate "B" to platform rear side and angle brace "A."

2. (Figure 100) Bolt right-hand angle brace "C" to main frame.

3. (Figure 100) Bolt braces "A" and "C" to seat pipe. Be sure to attach angle brace "A" at proper hole to level and take the twist out of platform.

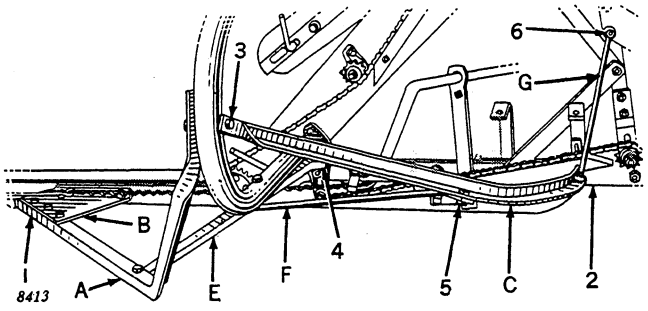


Figure 100

4. (Figure 100) Bolt cross tie channel "E" to seat pipe and to brace "A."

5. (Figure 100) Bolt cross tie strap "F" under seat pipe and to brace "C."

6. (Figure 100) Attach round brace "G" to power drive rear support plate and to angle brace "C."

5181 ELEVATOR POST EXTENSION

1. Block up platform to prevent machine from tilting forward.

2. Remove cover from front elevator spur gear case.

3. (Figure 101) Disconnect tilting strap from tilting lever.

4. (Figure 101) Remove bolt holding elevator squaring brace to tilting lever sector. Loosen elevator squaring brace at seat pipe.

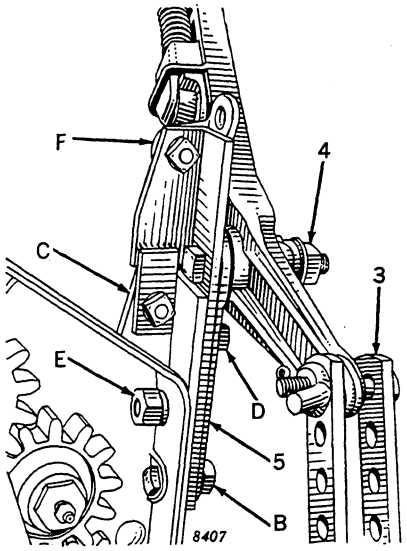


Figure 101

5. Remove bolts which hold tilting lever sector to elevator post. Remove tilting lever sector.

6. Slide plow bolt, furnished, through elevator post extension at "D" so that countersunk head will rest against elevator post. Do not put on nut. At the same time place cap screw, furnished, through elevator post extension and elevator post at "E."

7. Fit tilting lever sector against new elevator post extension and tighten nuts on cap screw and plow bolts.

8. Bolt elevator post extension and tilting lever sector to elevator post with machine bolt at "B."

9. Bolt elevator post extension to elevator post with machine bolt at "C."

10. With bolt formerly used at "C," bolt tilting lever sector to new elevator post extension at "F."

11. Bolt elevator squaring brace to tilting lever sector. Tighten squaring brace on seat pipe.

12. Replace tilting strap at "3," Figure 101.

13. Replace cover on front elevator spur gear case.

14. Square elevator as shown on Page 59.

TRANSPORTING

SETTING-UP

1. Bolt bracket "B," Figure 103, to main frame if this was not done when binder was set up.

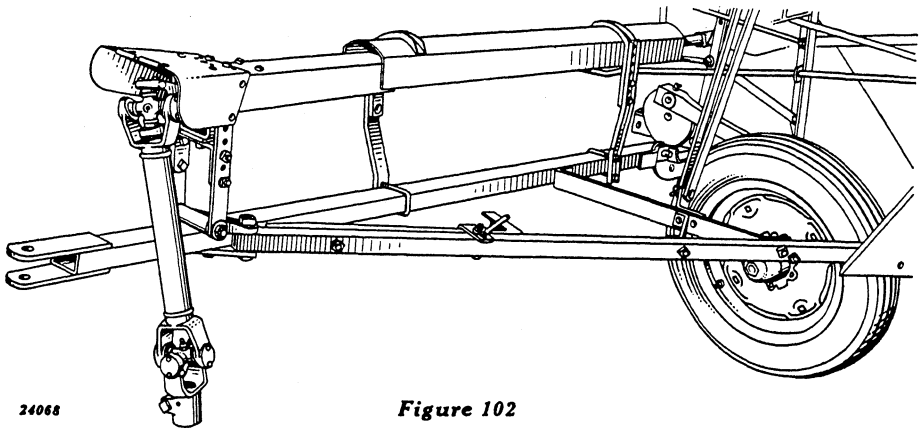
2. (Figure 105) Attach grain wheel support.

3. Remove wheel cap and put wheels on axles. They are held on by washer and pin furnished. Rubber tired wheels are shipped mounted on the axle.

ATTACHING

1. Turn power shaft until pitman at flywheel end is at its highest point.

2. Raise binder to highest position on main wheel.



24068 *Figure 102*

3. If binder is to be transported with the tractor hitch attached to binder, proceed as follows:

Remove middle connection from tractor hitch, Figure 102, and put the front axle and wheel in place, installing the largest axle to the front. Then put on the rear axle and wheel.

Raise main wheel in main frame and raise tractor hitch with tilting lever.

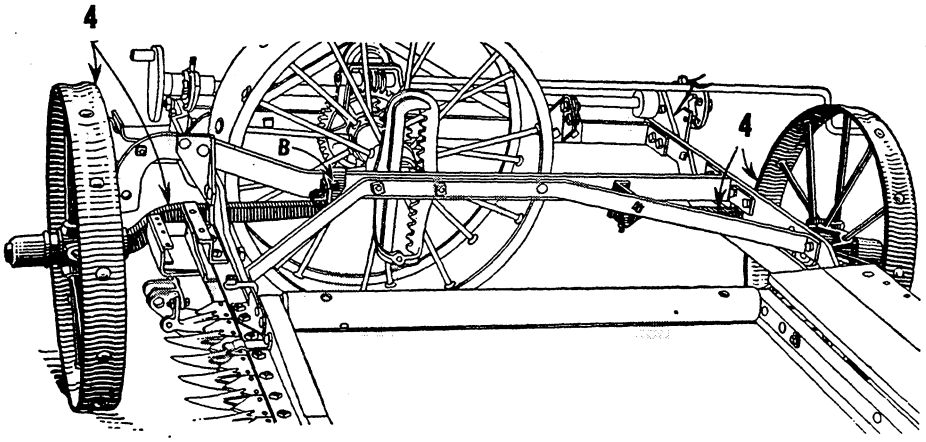


Figure 103

4. If binder is to be transported, without the tractor hitch attached to binder, proceed as follows:

Disconnect pins at "A," "B," "C" and "D," Figure 104, and remove tractor hitch from binder and place on platform. Put the front axle and wheel in place and then put on the rear axle and wheel. Install the largest axle to the front. See Figure 103.

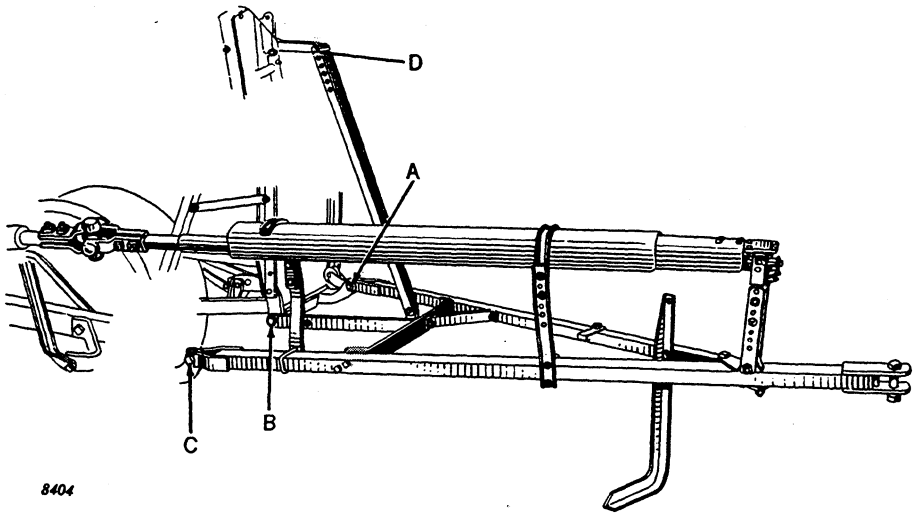


Figure 104

Raise main wheel in frame. Loosen tail nut at "E," Figure 76, and swing outside divider back onto platform.

5. (Figure 105) Let grain wheel raising chain out to end of chain. Raise grain wheel and secure in position with the support.

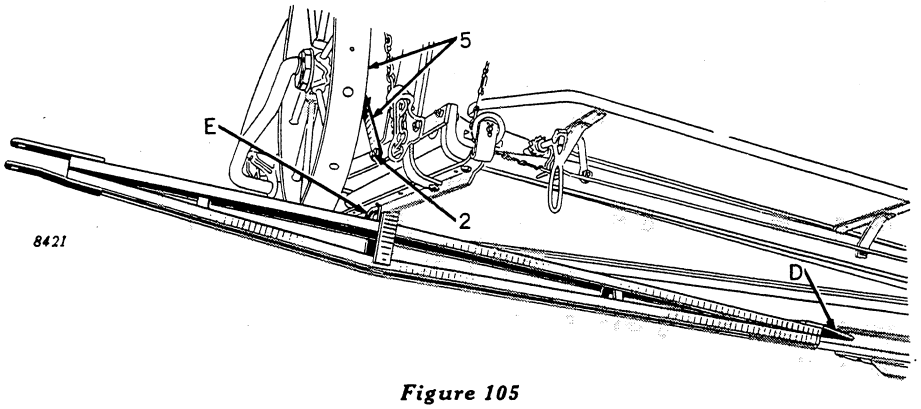


Figure 105

6. Raise platform at grain wheel just high enough to insert connection on transport pole into diagonal cross sill at "D," Figure 105, from the rear. Secure connecting bracket on stub tongue to outer cross sill on platform at "E," Figure 105.

7. Adjust levers to give maximum clearance of reel and binder attachment.

PARTS LIST AND ILLUSTRATIONS

It is important to remember that your Binder is a John Deere Tractor Grain Binder, for identification purposes.

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 parts are assembled properly, the implement will perform better.

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

Quantity. If only one of each part is used, the quantity is not shown. If more than one of each part is used, the quantity is shown with the description.

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

(a) Give year of your Tractor Grain Binder.

(b) Give part number, description, and quantity wanted.

(c) Where part numbers are not indicated, as in the case of some standard bolts, nuts, washers, cotters, etc., order by size and description.

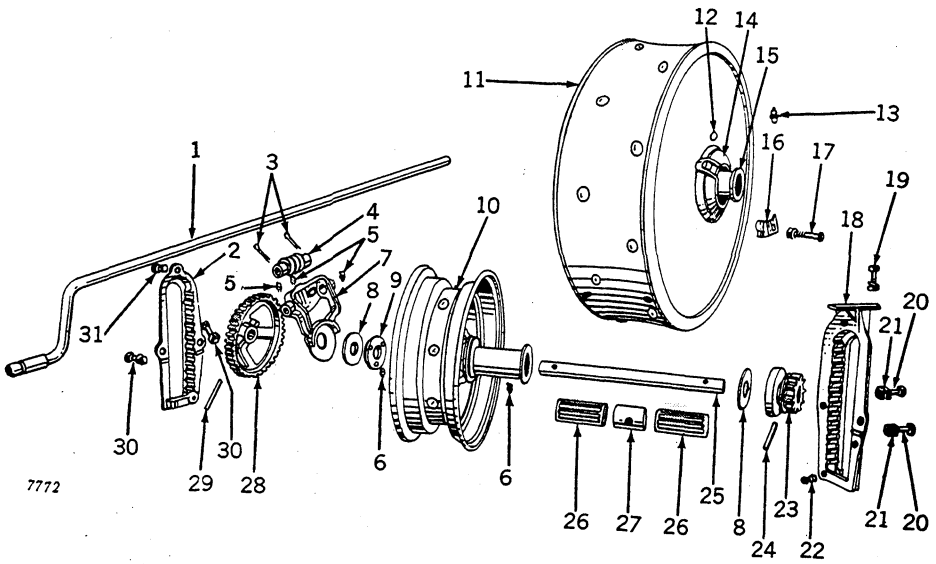
ABBREVIATIONS

Abbreviations have been used in describing parts in the following lists to condense information. The abbreviated words are given below, together with the abbreviation used.

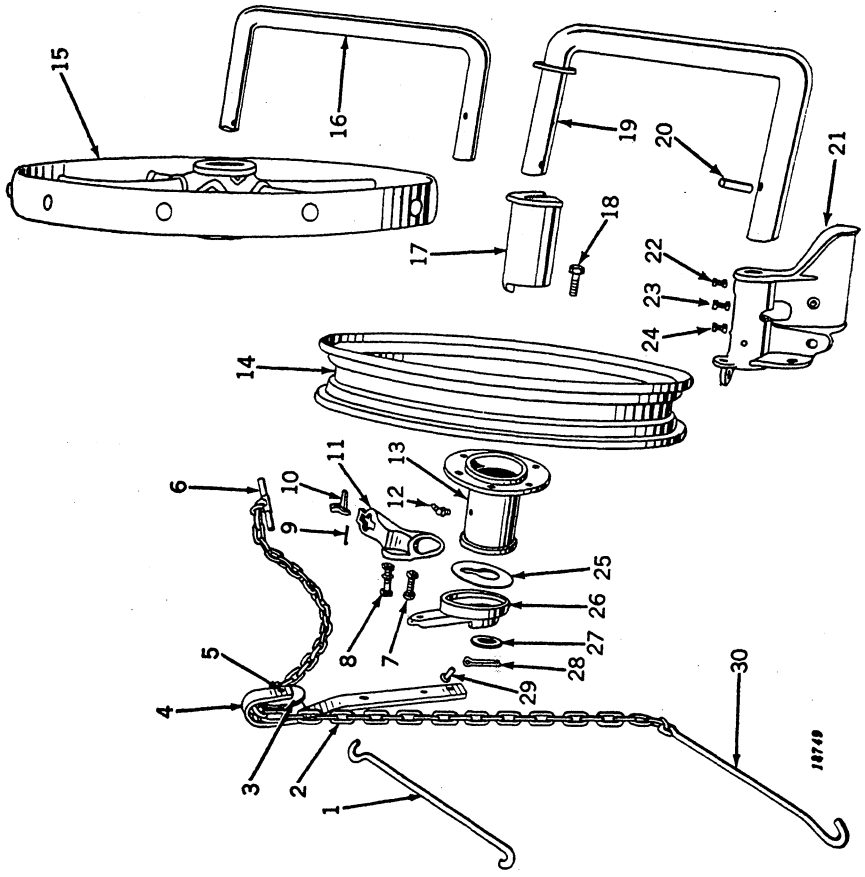
Cge. —Carriage	Mach. —Machine
Ctsk.—Countersunk	Rd. —Round
Hd. —Head	R. H. —Right-Hand
Hex. —Hexagon	R.I.O.H.—Rock Island Oval Head
L. H.—Left-Hand	Sq. —Square
L.W. —Lock Washer	W.B. —Wagon Box

INDEX TO PARTS LIST

INDEX TO PARTS LIST—Continued



Key	Part No.	Description
1	AB 2867 HW	Crank
2	B 980 HW	Sector, L. H.
3	11H 85 H	Pin, Cotter, 3/16″ x 1-5/8″ (2 used)
4	B 719 H	Worm, Raising
5	JD 7781	Fitting, Alemite, 1/8″, 90° (2 used)
6	JD 7760	Fitting, Alemite, 1/8″, 67-1/2° (3 used)
7	B 1125 H	Case, Raising Worm
8	B 6311 HW	Washer, Plain, 3-1/2″ x 1-9/32″ (4 or less used)
9	HZ 6041 H	Bearing, Thrust
10	JD 1957 W	Wheel, Main (Pneumatic)
11	AB 3434 HW	Wheel, Main (Steel)
12	B 7682 HW	Pipe, Oil
13	JD 7759	Fitting, Alemite, 1/8″, Straight (2 used)
14	JD 2792 W	Nut, for Sleeve
15	JD 3718 W	Hub
16	JD 2793 W	Lug (3 used)
17	.....	Bolt, Mach., 1/2″ x 3″ with L.W. (3 used)
18	B 979 HW	Sector, R. H.
19	.....	Bolt, Mach., 3/8″ x 1-1/2″ with L.W.
20	7H 794 R	Bolt, Mach., 1/2″ x 2″ (2 used)
21	14H 12 B	Nut, Sq., 1/2″ (4 used)
22	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″ with L.W.
23	B 981 H	Pinion, Raising
24	B 7665 H	Pin, Straight, 3/8″ x 2-5/16″
25	B 7539 H	Axle
26	AP 19925 H	Bearing, Roller (2 used)
27	B 1128 HW	Spacer, Gage
28	B 978 H	Gear and Pinion
29	B 8189 W	Pin, Straight, 3/8″ x 3-7/16″
30	.....	Bolt, Mach., 1/2″ x 2-1/4″, with L.W. (2 used)
31	.....	Bolt, Mach., 3/8″ x 1-1/2″, with L.W.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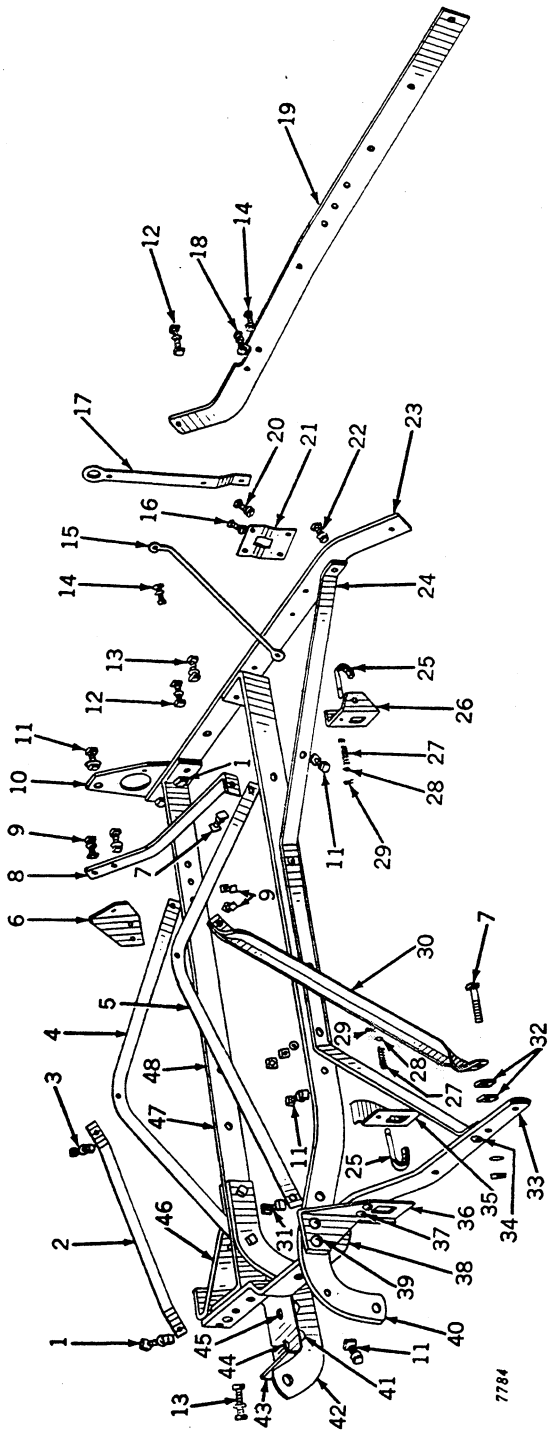
Key	Part No.	Description
1	B 5307 HW	Rod, Parallel, 10-Ft. Steel, 8-Ft. and 10-Ft. Pneumatic Tired Wheel
	B 4029 HW	Rod, Parallel, 8-Ft. Steel
2	AB 2070 HW	Chain, Raising, with Hand Grip
3	B 152 H	Pulley, Chain
4	B 4420 HW	Standard, Chain Pulley
5	16H 1385 A	Rivet, R.I.O.H., 3/8″ x 2″
6	HZ 6804 H	Grip, Chain
7	2H 322 R	Bolt, Cge., 3/8″ x 1-1/4″, with Hex. Nut
8	2H 334 H	Bolt, Cge., 3/8″ x 1-1/2″, with Hex. Nut
9	11H 42 D	Pin, Cotter, 1/8″ x 1-1/8″
10	B 742 HW	Lock, Chain
11	B 741 HW	Bracket, Chain Hook
12	JD 7778	Fitting, Grease, 30°, 1/8″
13	B 1149 W	Hub, Grain Wheel
14	JD 1750 W	Wheel, Grain
15	JD 917 W	Wheel, Grain Steel, 10-Ft.
	JD 902 W	Wheel, Grain Steel, 8-Ft.
16	B 4027 HW	Axle, Grain Wheel, 8-Ft. Steel Wheel
17	B 426 HW	Bearing, 10-Ft. Steel, 8-Ft. and 10-Ft. Pneumatic Tired Wheel
	B 144 HW	Bearing, 8-Ft. Steel Wheel
18	JD 20 K	Bolt, Wheel, 7/16″ (6 used)
19	AB 3793 W	Axle, Grain Wheel
20	B 5896 HW	Pin, Stop, 3/8″ x 1-1/2″
21	B 453 HW	Bracket, Axle, 10-Ft. Steel, 8-Ft. and 10-Ft. Pneumatic Tired Wheel
	B 140 HW	Bracket, Axle, 8-Ft. Steel Wheel
22	B 5815 HW	Bolt, Plow, 3/8″ x 1-1/4″, with Hex. Nut
23	HZ 5320 H	Bolt, Plow, 3/8″ x 1-1/4″, with Nut
24	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with Nut
	12H 11 R	Washer, Lock, 3/8″
25	B 4421 HW	Washer, Thrust
26	B 945 HW	Collar, Bearing, 10-Ft. Steel, 8-Ft. and 10-Ft. Pneumatic Tired Wheel
	B 944 HW	Collar, Bearing, 8-Ft. Steel Wheel
27	24H 294 W	Washer, Plain, 1-9/32″ x 1-11/16″
28	11H 113 R	Pin, Cotter, 1/4″ x 1-1/2″
29	16H 1114 A	Rivet, R.I.O.H., 5/16″ x 1″ (2 used)
30	B 4031 HW	Link, Raising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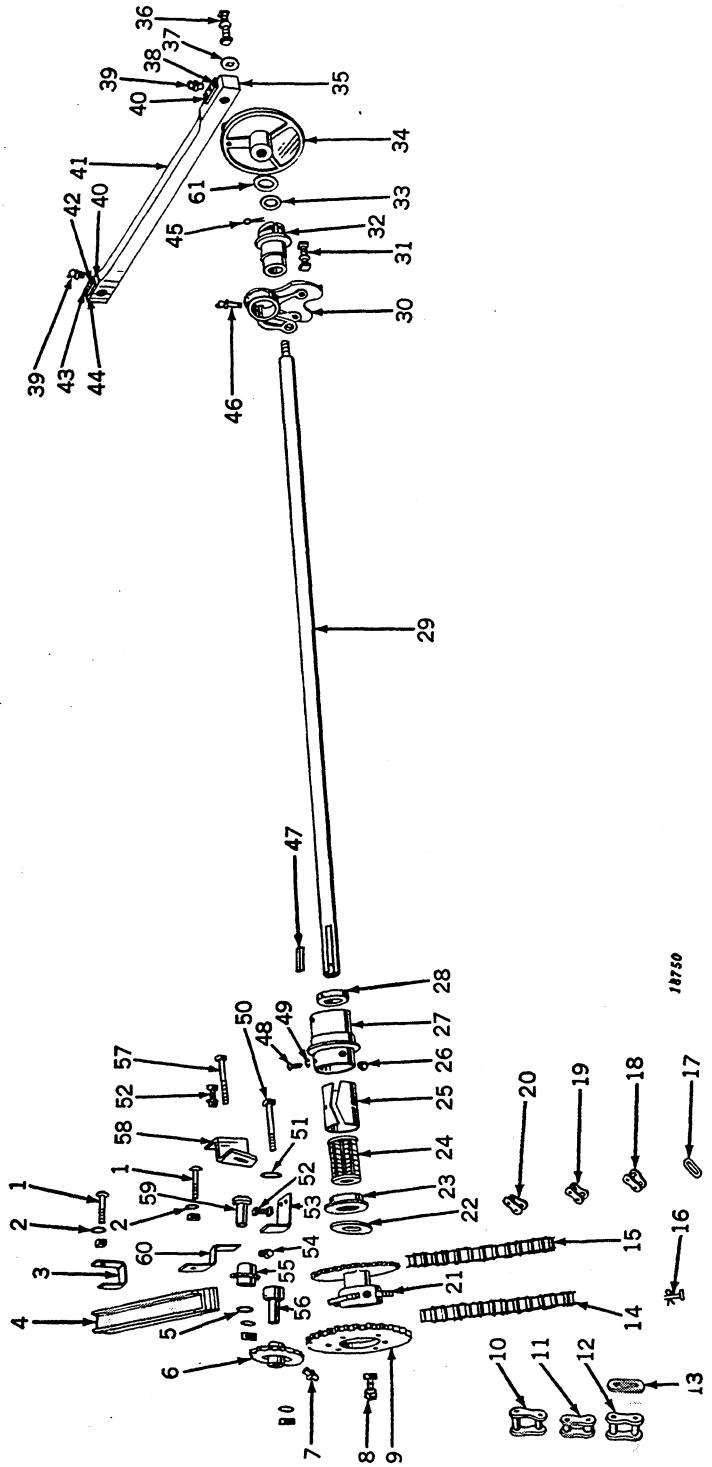
Key	Part No.	Description
1	7H 794 R	Bolt, Mach., 1/2″ x 2″, with Nut (3 used)
	12H 13 R	Washer, Lock, 1/2″
2	B 6870 HW	Brace, Sector, R.H.
3	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut.
	12H 11 R	Washer, Lock, 3/8″
4	B 6550 HW	Truss, Sill, Flat, R.H.
5	B 7467 HW	Truss, Sill, Flat, L.H.
6	B 5476 HW	Bracket, Support, Front
7	7H 823 R	Bolt, Mach., Sq. Hd., 1/2″ x 2-1/2″, with Nut (2 used)
8	B 8110 HW	Cross, Tie, Cross Sill, R.H.
9	.....	Bolt, Mach., 7/16″ x 1-1/2″, with Nut (3 used)
	12H 12 R	Washer, Lock, 7/16″
10	B 8105 HW	Bracket, Bearing Box, Rear
11	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″, with Nut (4 used)
	12H 12 R	Washer, Lock, 7/16″
12	7H 769 R	Bolt, Mach., 1/2″ x 1-3/4″, with Nut (3 used)
	12H 13 R	Washer, Lock, 1/2″
13	.....	Bolt, Mach., 1/2″ x 2-1/4″, with Nut (3 used)
	12H 13 R	Washer, Lock, 1/2″
14	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with Nut (2 used)
	12H 11 R	Washer, Lock, 3/8″
15	B 6622 HW	Brace, Raising Shaft Support
16	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut
	12H 11 R	Washer, Lock, 3/8″
17	B 6620 HW	Support, Main Wheel Raising Shaft
18	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut
	12H 11 R	Washer, Lock, 3/8″
19	B 5437 HW	Connection, Platform
20	.....	Bolt, Mach., 3/8″ x 1-3/4″, with Nut
	12H 11 R	Washer, Lock, 3/8″
21	B 5473 HW	Bracket, Transport Axle, Rear Outer
22	.....	Bolt, Mach., 7/16″ x 2″, with Nut
	12H 12 R	Washer, Lock, 7/16″
23	B 6552 HW	Sill, Rear
24	B 5445 HW	K-Brace
25	B 6876 HW	Lock, Transport Axle (2 used)
26	B 6872 HW	Bracket, Transport Axle, Rear
	AB 2414 HW	Bracket, Transport Axle, Rear, Complete
27	HZ 5214 H	Spring, Transport Axle Lock (2 used)
28	24H 147 H	Washer, Plain, 3/8″ x 11/16″ (4 used)
29	11H 38 R	Pin, Cotter, 1/8″ x 5/8″ (2 used)
30	B 7526 HW	Brace, Angle
31	7H 728 R	Bolt, Mach., 1/2″ x 1-1/2″, with Nut
	12H 13 R	Washer, Lock, 1/2″
32	B 7529 HW	Block, Filler (2 used)
33	B 5973 HW	Sill, Front
34	17H 59 A	Rivet, Ctsk. Hd., 1/2″ x 1-1/2″
35	B 6871 HW	Bracket, Transport Axle, Front Inner
	AB 2413 HW	Bracket, Transport Axle, Front Inner, Complete
36	B 6043 HW	Connection, Cross Sill, L.H.
37	17H 58 A	Rivet, Oval Hd., 1/2″ x 1-1/2″ (7 used)
38	B 5442 HW	Connection, Cross Sill, R.H.
39	17H 74 A	Rivet, Oval Hd., 1/2″ x 1-3/4″
40	B 7466 HW	Sill, Cross, L.H.
41	B 6508 HW	Bracket, Pitman Flywheel Shield
42	B 8119 HW	Connection, Tractor Hitch, R.H.
43	B 8120 HW	Shield, Pitman Flywheel
44	16H 1321 A	Rivet, R.I.O.H., 3/8″ x 7/8″ (2 used)
45	16H 1558 A	Rivet, R.I.O.H., 7/16″ x 1-1/8″ (2 used)
46	B 6585 HW	Brace, Corner and Bundle Carrier Support
47	B 5974 HW	Sill, Cross, R.H.
48	AB 3409 HW	Frame, Main, Complete as Riveted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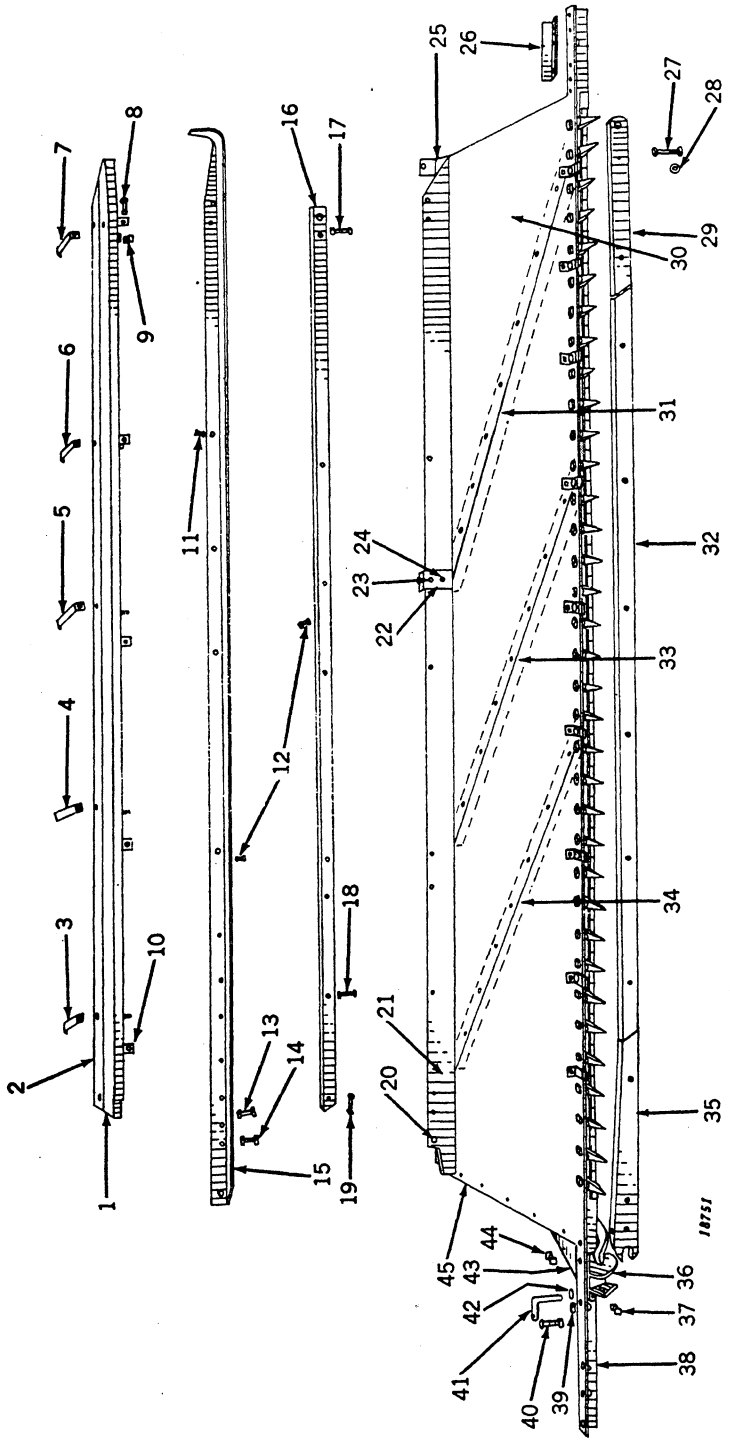
Key	Part No.	Description
1	.....	Bolt, Cge., 5/16″ x 2-1/2″ (2 used)
2	24H 149 H	Washer, Plain, 7/8″ x 3/8″ (2 used)
3	B 8115 HW	Bracket, Lower, L.H.
4	B 7799 HW	Guide, Wood
5	24H 192 A	Washer, Plain, 1-1/4″ x 9/16″
6	B 784 HW	Sprocket, Tightener
7	JD 7759	Fitting, Grease, Straight, 1/8″
8	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with Nut
9	B 5510 HW	Sprocket, Pitman Drive (28 Teeth)
	B 5509 HW	Sprocket, Special to Speed Up Binder (24 Teeth)
10	B 5321 H	Link, Offset, 3/4″ Pitch
11	B 5234 H	Link, Roller Chain, 3/4″ Pitch
12	B 5235 H	Link, Connecting, 3/4″ Pitch
13	P 24350 H	Washer, Snap Spring, 3/4″ Pitch
14	AB 3469 H	Chain, Drive, 48 Links, 3/4″ Pitch (Order Two AB1290H, One AB1289H, One B5234H, One B5235H, One B5321H)
	AB 1289 H	Chain, 25 Links, 3/4″ Pitch, No. 60W
	AB 1290 H	Chain, 10 Links, 3/4″ Pitch, No. 60W
15	AB 3734 H	Chain, Elevator and Binder Drive, 240 Links, 5/8″ Pitch (Order four AP6093H, four AP6095H)
	AP 6093 H	Chain, 50 Links, 5/8″ Pitch, RC50
	AP 6095 H	Chain, 10 Links, 5/8″ Pitch, RC50
16	P 29361 H	Pin, Cottered, 5/8″ Pitch Offset Link
	P 29360 H	Pin, Cottered, 3/4″ Pitch Offset Link
17	P 21010 H	Washer, Snap Spring, 5/8″ Pitch
18	P 20352 H	Link, Offset, 5/8″ Pitch
19	P 20350 H	Link, Roller Chain, 5/8″ Pitch
20	P 20351 H	Link, Connecting, 5/8″ Pitch
21	B 1150 W	Sprocket, Drive, Elevator Chain (30 Teeth)
22	B 6016 HW	Washer (2 used)
23	B 587 HW	End, Bearing Box, Rear
24	JD 7512 H	Bearing (Sleeve JD7462H)
25	JD 7462 H	Sleeve for JD7512H Bearing
26	JD 7778	Fitting, Grease, 30°, 1/8″
27	B 584 HW	Box, Bearing
28	B 478 H	End, Bearing Box, Front
29	B 9144 W	Shaft, Pitman
30	B 589 HW	Bracket, Front
31	7H 794 R	Bolt, Mach., 1/2″ x 2″, with Nut
32	B 588 HW	Box, Bearing (Use AB938HW)
	AB 938 HW	Box, with P12H Bushing
	P 12 H	Bushing
33	24H 278 H	Washer, Plain, 1-5/32″ x 2-1/8″ .
34	B 702 HW	Flywheel, Pitman
35	B 6004 HW	Plate, Stiffener
36	.....	Bolt, Cge., 3/8″ x 2-3/4″, with Nut
37	24H 715 H	Washer, Plain, Sq. Hole, 1-3/4″ x 13/32″
38	.....	Rivet, R.I.O.H., 3/16″ x 2-11/16″ (2 used)
39	JD 7760	Fitting, Grease, 67-1/2°, 1/8″
40	P 24860 H	Gasket (2 used)
41	AB 2868 HW	Pitman, Wood, Complete
42	16H 352 H	Rivet, W.B. Hd., 3/16″ x 2-1/2″
43	B 7531 HW	Bearing, Plate, Upper (2 used)
44	.....	Rivet, W.B. Hd., 3/16″ x 2-1/2″
45	11H 111 B	Pin, Cotter, 1/4″ x 1-1/4″
46	JD 7783	Fitting, Grease, 30°, 1/8″
47	J 12720 H	Key, 5/16″ Sq. x 2-3/4″
48	19H 18 H	Screw, Cap, 1/4″ x 3/4″, with Hex. Nut (2 used)
49	12H 9 R	Washer, Lock (2 used)
50	.....	Bolt, Mach., 7/16″ x 3-1/2″, with Nut
51	24H 478 A	Washer, Plain, 1-1/2″ x 9/16″
52	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut (2 used)
53	B 8112 HW	Bracket
54	JD 7759	Fitting, Grease, Straight, 1/8″
55	J 829 H	Sprocket, Idler
56	B 527 HW	Stud, Chain Tightener
57	7H 893 R	Bolt, Mach., 1/2″ x 3-1/2″, with Nut
58	B 8153 HW	Bracket
59	J 74 H	Stud
60	B 8114 HW	Bracket, Lower, R.H.
61	24H 276 A	Washer, Plain, 15/32″ x 1-3/4″ (3 or less used)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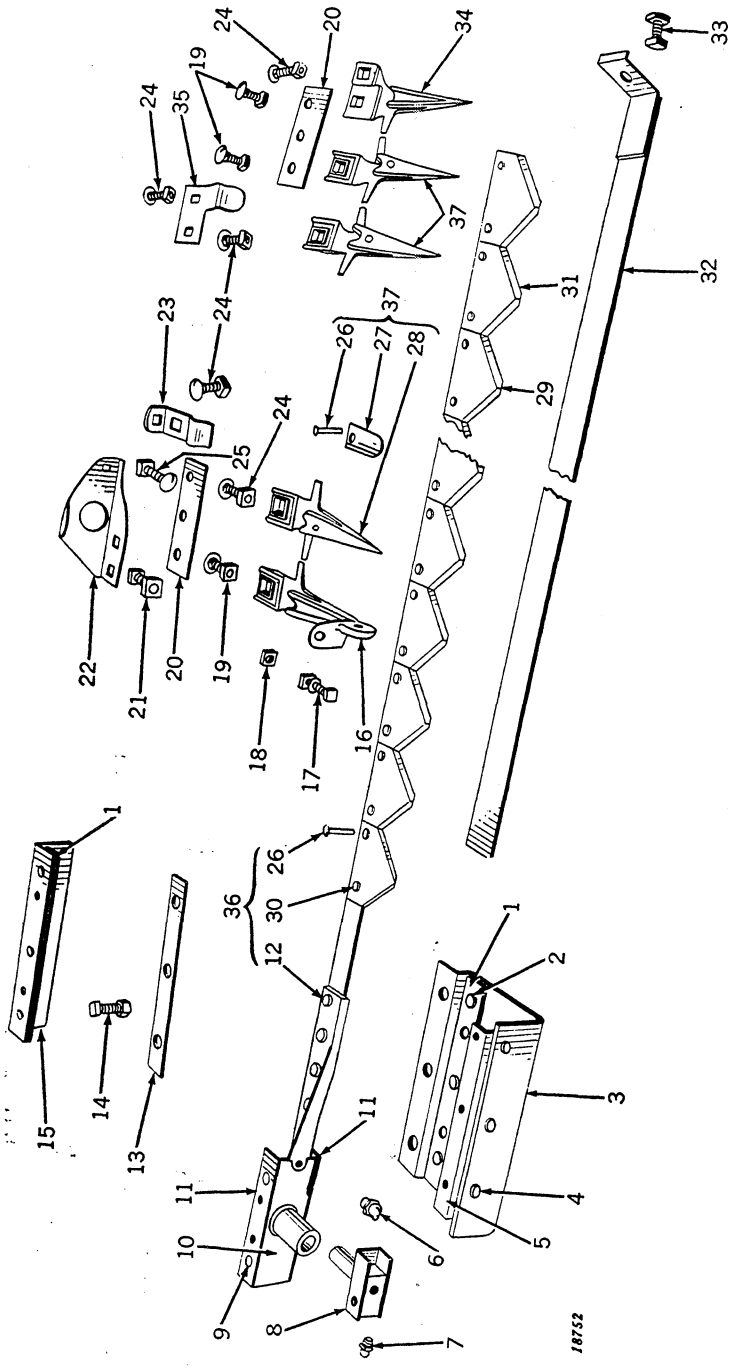
Key	Part No.	Description
1	B 8810 HW	Board, Extension, Front, 10-Ft.
	B 8182 W	Board, Extension, Front, 8-Ft.
2	B 8754 HW	Board, Extension, Rear, 10-Ft.
	B 8184 W	Board, Extension, Rear, 8-Ft.
3	B 4567 HW	Brace, Extension Board, Inner
4	B 4568 HW	Brace, Inner Middle
5	B 5955 HW	Brace, Middle
6	B 4569 HW	Brace, Outside Middle
7	B 5447 HW	Brace, Outer, 10-Ft.
	B 4566 HW	Brace, Outer, 8-Ft.
8	16H 306 H	Rivet, W.B. Hd., 3/16″ x 1-1/8″ (15 used)
9	.....	Bolt, Mach., 3/8″ x 2-3/4″, with Nut
	12H 11 R	Washer, Lock, 3/8″
10	B 4565 HW	Support, Extension Board (5 used)
11	.....	Bolt, Mach., 5/16″ x 3/4″, with Nut (3 used)
	12H 10 R	Washer, Lock, 5/16″
12	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut (3 used)
	12H 11 R	Washer, Lock, 3/8″
13	.....	Bolt, Mach., 5/16″ x 2-1/2″, with Nut (2 used)
	12H 10 R	Washer, Lock, 5/16″
14	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″, with Nut
	12H 12 R	Washer, Lock, 7/16″
15	B 7903 HW	Sill, Rear, 10-Ft.
	B 7902 HW	Sill, Rear, 8-Ft.
16	B 8739 HW	Guide, Canvas, Rear Outer, 10-Ft.
	B 8518 HW	Guide, Canvas, Rear Outer, 8-Ft.
17	.....	Bolt, Cge., 3/8″ x 2″, with Nut (4 used)
	12H 11 R	Washer, Lock, 3/8″
18	.....	Bolt, Cge., 3/8″ x 2-1/4″, with Nut (3 used)
	12H 11 R	Washer, Lock, 3/8″
19	.....	Bolt, Cge., 5/16″ x 2″, with Nut
	12H 10 R	Washer, Lock, 5/16″
20	16H 629 H	Rivet, R.I.O.H., 1/4″ x 5/16″
21	B 6309 HW	Plate, Roller, Rear, 10-Ft.
	B 8179 W	Plate, Roller, Rear, 8-Ft.

Key	Part No.	Description
22	B 6523 HW	Connection, Cross Angle
23	16H 746 A	Rivet, R.I.O.H., 1/4″ x 1-5/8″
24	16H 1096 A	Rivet, R.I.O.H., 5/16″ x 3/4″
25	B 8079 HW	Sill, Outside
26	B 4803 HW	Shield, Axle
27	.....	Bolt, Mach., 5/16″ x 2″, with Nut (10 used)
	12H 10 R	Washer, Lock, 5/16″
28	24H 149 H	Washer, Plain, 3/8″ x 7/8″ (10 used)
29	B 8848 HW	Guide, Canvas, Front Outer, 10-Ft.
30	B 6310 HW	Bottom, Platform, 10-Ft.
	B 6632 HW	Bottom, Platform, 8-Ft.
31	B 5959 HW	Sill, Outside Middle, 10-Ft.
	B 6635 HW	Sill, Outside Middle, 8-Ft.
32	B 8847 HW	Guide, Canvas, Front Middle, 10-Ft.
	B 8515 HW	Guide, Canvas, Front Outer, 8-Ft.
33	B 5958 HW	Sill, Cross, Middle Diagonal, 10-Ft.
34	B 5957 HW	Sill, Inner Diagonal, 10-Ft.
	B 6646 HW	Sill, Inner Diagonal, 8-Ft.
35	B 8846 HW	Guide, Canvas, Inside, 10-Ft.
	B 8732 HW	Guide, Canvas, Inside, 8-Ft.
36	B 432 HW	Shoe, Inside
37	B 5815 HW	Bolt, Plow, Ctsk. Hd. Sq. Nk., 3/8″ x 1-1/4″
38	B 6524 HW	Bar, Z, Cpt., with B432H Shoe, 10-Ft.
	B 6645 HW	Bar, Z, Cpt., with B432H Shoe, 8-Ft.
39	14H 10 B	Nut, Sq., 7/16″
40	2H 751 W	Bolt, Cge., 7/16″ x 2″, with Nut
	12H 12 R	Washer, Lock, 7/16″
41	B 6933 HW	Bolt, Clamp
42	12H 12 R	Washer, Lock, 7/16″ (3 used)
43	B 6891 HW	Plate, Reinforcement
44	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″, with Nut
	12H 12 R	Washer, Lock, 7/16″
45	B 5435 HW	Sill, Inner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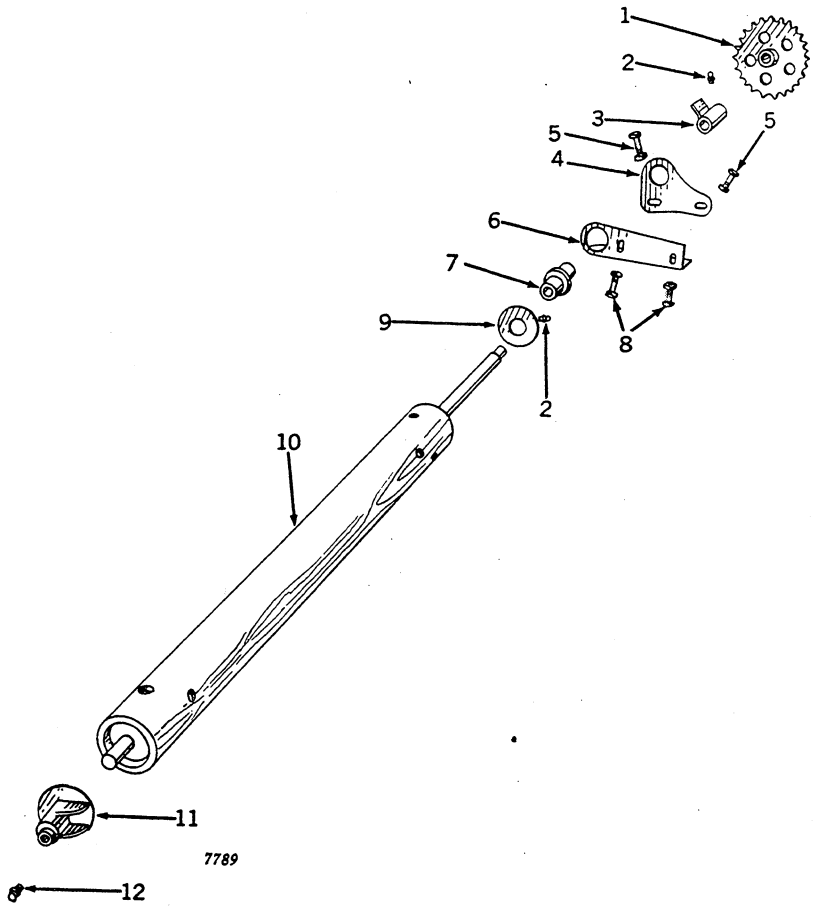
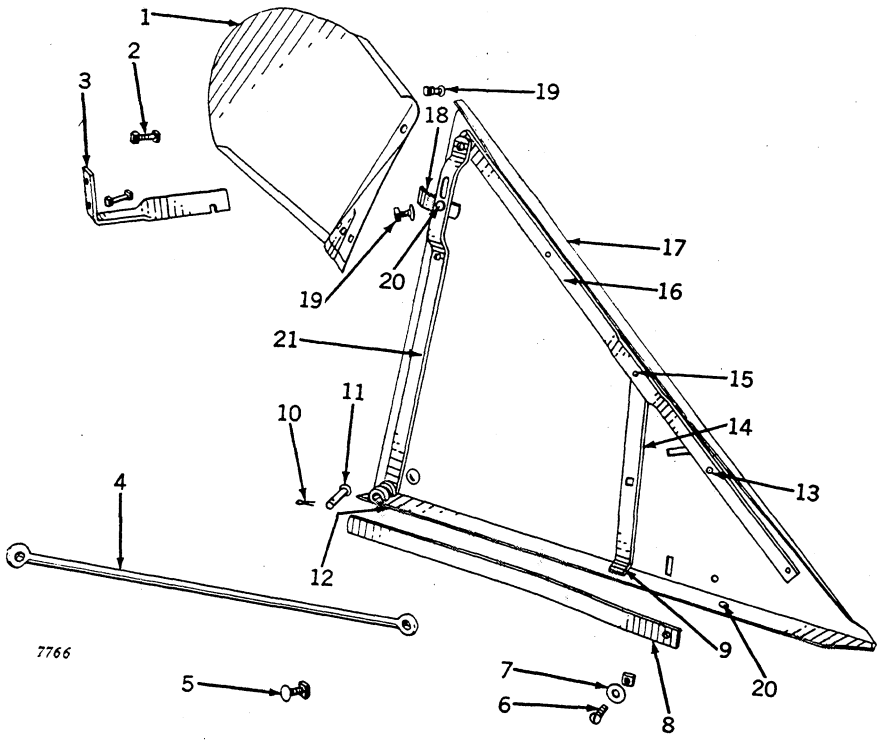
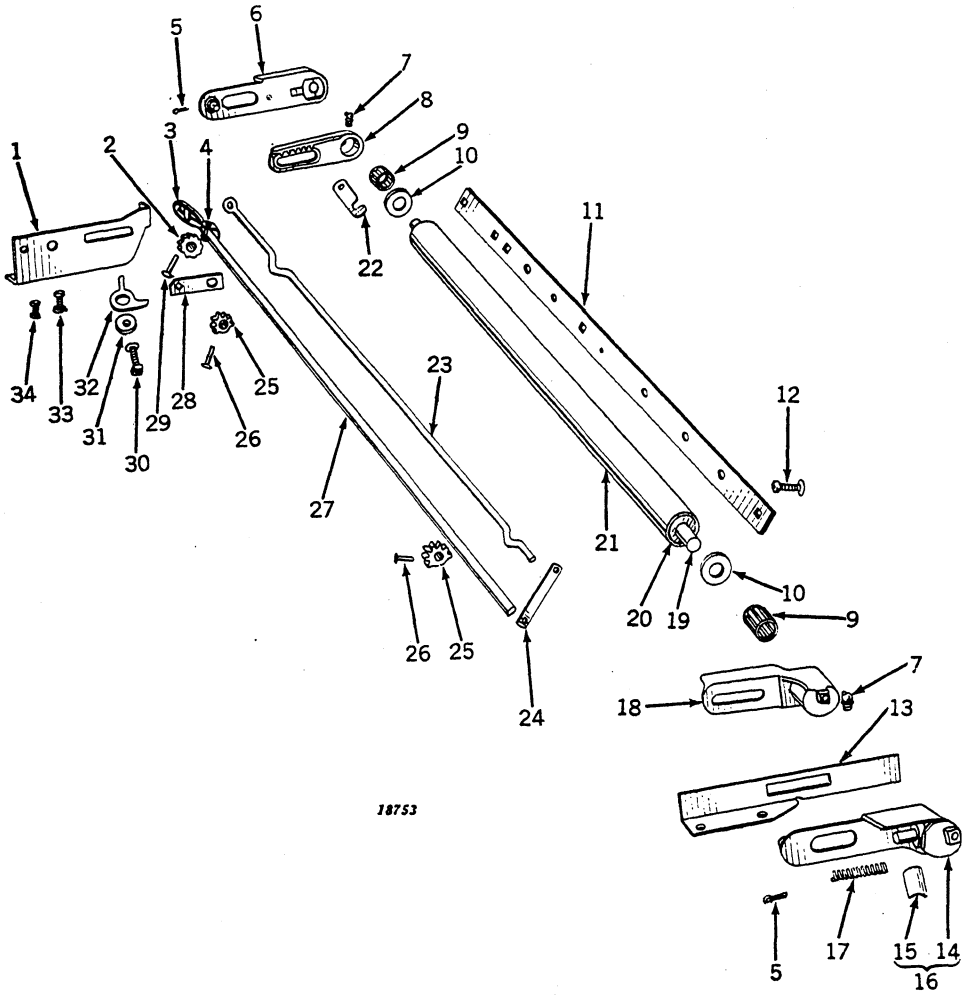
Key	Part No.	Description
1	B 5971 HW	Plate, Wearing, Knife Head Guide
2	16H 674 A	Rivet, Ctsk. Hd., 1/4″ x 3/4″
3	B 6027 HW	Guide, Knife Head, Complete
4	16H 633 H	Rivet, R.I.O.H., 1/4″ x 5/8″ (3 used)
5	B 4880 HW	Guide, Knife Head
6	JD 7760	Fitting, Grease, 67-1/2°, 1/8″
7	JD 7759	Fitting, Grease, Straight, 1/8″ (2 used)
8	B 795 H	Extension, Knife Head
9	B 6262 H	Rivet, Ctsk. Hd. (Per Lb.) 1/4″ x 2-1/2″
10	AB 2676 HW	Head, Knife, Complete
	B 822 HW	Head, Knife (Order AB2676HW)
11	B 7139 HW	Plate, Wearing, Knife Head (2 used)
12	Z 5874 H	Rivet, O.H., 13/64″ x 3/4″ (Per Lb.)
13	B 5972 HW	Shim, Knife Head Guide
14	7H 335 R	Bolt, Mach., with Hex. Nut, L.W., 3/8″ x 1-1/4″ (3 used)
15	B 6029 HW	Guide, Knife Head, Upper, Complete
16	B 423 HW	Guard, Inside (AB680HW)
	AB 680 HW	Guard, Inside, Complete
17	.....	Bolt, Mach., 5/16″ x 1/2″
18	14H 7 B	Nut, Sq., 3/8″
19	B 5976 H	Bolt, Cge., 3/8″ x 1-1/4″
20	B 5530 HW	Plate, Wearing
21	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″, with L.W.
22	B 6850 HW	Guide, Canvas, Extension Front, Inner
23	B 5527 HW	Clip, Knife
24	B 5975 H	Bolt, Cge., 3/8″ x 1-1/8″
25	.....	Bolt, Cge., 3/8″ x 1-1/4″
26	B 4488 H	Rivet, Ctsk. Hd. (Per Lb.) 13/64″ x 1-1/8″
27	B 4051 H	Plate, Ledger
28	B 424 HW	Guard, Sickle (Order AB679HW)
29	B 4831 H	Section, Serrated
	B 4830 H	Section, Smooth
30	B 4521 H	Rivet, Oval Hd. (Per Lb.) 13/64″ x 1/2″
31	B 6525 HW	Sickle, Complete (Serrated) 10-Ft.
	B 6526 HW	Knife, Smooth, 10-Ft.
	B 6644 HW	Sickle, Serrated Section, 8-Ft.
	B 6643 HW	Knife, Smooth Section, 8-Ft.
32	AB 3800 W	Strap, Retarding, Complete
33	.....	Bolt, Mach., 5/16″ x 3/4″
34	B 568 HW	Guard, Outside (AB880HW)
	AB 880 HW	Guard, Outside, Complete
35	B 6026 HW	Clip, Knife, 10-Ft.
	B 6921 HW	Clip, Knife, 8-Ft.
36	B 5138 H	Rivets, 1/2″, Assorted Section, Guard Plate, and Knife Head
37	AB 679 HW	Guard, Sickle, Complete



Key	Part No.	Description
1	B 1001 HW	Sprocket, Driven
2	JD 7759	Fitting, Alemite, 1/8″ Straight (3 used)
3	B 535 HW	Box, Roller, Rear
4	B 673 HW	Bracket, Roller Box, Rear
5	.....	Bolt, Mach., 7/16″ x 1-3/4″, with L.W. (2 used)
6	B 6857 HW	Bracket, Bearing
7	B 826 HW	Box, Bearing, Center
8	7H 317 R	Bolt, Mach., 3/8″ x 1″ (2 used)
9	24H 230 W	Washer, Plain, 13/16″ x 2-5/16″
10	B 8809 HW	Roller, Inside, Complete
11	B 768 HW	Box, Roller, Front
12	JD 7778	Fitting, Alemite, 1/8″, 30°



Key	Part No.	Description
1	B 4426 HW	Extension
2	.....	Bolt, Mach., 5/16″ x 1-1/4″, with L.W.
3	B 5694 HW	Hinge, Upper, Male
4	B 5695 HW	Brace
5	2H 170 R	Bolt, Cge., 5/16″ x 1″
6	13H 225 R	Bolt, Stove, 1/4″ x 1″
7	24H 139 A	Washer, Plain, 3/4″ x 5/16″
8	HZ 6798 HW	Fender
9	16H 663 A	Rivet, R.I.O.H., 1/4″ x 5/8″
10	11H 38 R	Pin, Cotter, 1/8″ x 5/8″
11	B 4107 HW	Pin, Hinge, 3/8″ x 1-5/8″
12	B 4102 HW	Hinge, Lower
13	16H 250 R	Rivet, R.I.O.H., 3/16″ x 3/8″ (5 used)
14	B 4106 HW	Strap, Stiffener, Front
15	16H 267 T	Rivet, R.I.O.H., 3/16″ x 9/16″
16	B 4424 HW	Brace, Cross, Upper
17	B 5589 HW	Divider, Inside, Complete
18	B 4105 HW	Latch, Hinge, Upper
19	24H 154 R	Bolt, Cge., 5/16″ x 3/4″ (2 used)
20	16H 634 R	Rivet, R.I.O.H., 1/4″ x 3/8″
21	B 4425 HW	Hinge, Upper, Female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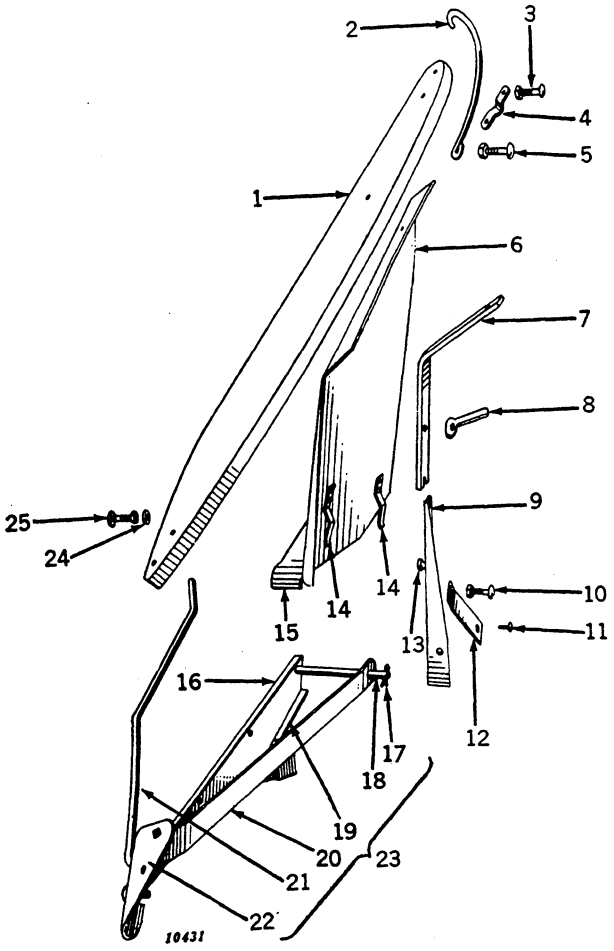
Key	Part No.	Description
1	B 5954 HW	Support, Slide Box, Rear, 10-Ft.
	B 6637 HW	Support, Slide Box, Rear, 8-Ft.
2	B 446 HW	Ratchet, Canvas, Tightener, 10-Ft.
3	HZ 656 HW	Handle, Crank
4	16H 1114 A	Rivet, R.I.O.H., 5/16″ x 1″
5	11H 39 R	Pin, Cotter, 1/8″ x 3/4″, 8-Ft. (2 used)
6	B 733 HW	Box, Slide, Rear, 8-Ft. (Order AB2228HW)
	AB 2228 HW	Box, Slide, Rear, with Bushing, 8-Ft.
7	JD 7797	Fitting, Grease, 30°, 1/8″ (2 used)
8	B 444 HW	Box, Slide, Rear, 10-Ft.
9	B 4884 H	Bearing, Roller, 10-Ft. only (2 used)
10	24H 53 H	Washer, Plain, 25/32″ x 1-5/8″, 10-Ft. (2 used)
	B 36 HW	Washer, Roller, Front, 8-Ft.
11	B 4821 HW	Bar, Cross, Outside
12	2H 322 R	Bolt, Cge., 3/8″ x 1-1/4″, with Hex. Nut
13	B 5953 HW	Support, Slide Box, Front, 10-Ft.
	B 6636 HW	Support, Slide Box, Front, 8-Ft.
14	B 732 HW	Box, Slide, Front, 8-Ft. (Order AB2226HW)
15	B 8519 HW	Bushing, Wood, 8-Ft. (4 used)
16	AB 2226 HW	Box, Slide, Front, Cpt., 8-Ft.
17	HZ 6185 H	Spring, 8-Ft. (2 used)
18	B 443 HW	Box, Slide, Front, 10-Ft.
19	B 5652 HW	Gudgeon, 10-Ft. (2 used)
20	B 8758 HW	Filler, 10-Ft. (2 used)
21	B 5651 HW	Roller, Pipe only, 10-Ft.
	B 5653 HW	Roller, Steel, Cpt., 10-Ft.
	B 8523 HW	Roller, Wood, Cpt., 8-Ft.
22	HZ 6255 HW	Bracket, Crank, Tightener, 8-Ft.
23	B 4072 HW	Crank, Canvas, Tightener, 8-Ft.
24	HZ 6206 HW	Link, Canvas, Tightener, 8-Ft.
25	B 433 HW	Pinion, Canvas, Tightener, 10-Ft.
26	16H 298 H	Rivet, R.I.O.H., 3/16″ x 1″, 10-Ft. (2 used)
27	B 5630 HW	Rod, Canvas, Tightener, 10-Ft.
28	B 7430 HW	Bracket, Support, 10-Ft.
29	16H 717 H	Rivet, R.I.O.H., 1/4″ x 3/16″, 10-Ft.
30	.....	Bolt, Cge., 3/8″ x 1-1/2″, 10-Ft.
	12H 11 R	Washer, Lock, 3/8″
31	B 77 HW	Trunnion, 10-Ft.
	HZ 622 HW	Trunnion, Roller Slide Box, 8-Ft.
32	B 447 HW	Dog, Ratchet, 10-Ft.
33	7H 317 R	Bolt, Mach., 3/8″ x 1″
	12H 11 R	Washer, Lock, 3/8″
34	.....	Bolt, Mach., 5/16″ x 3/4″
	12H 10 R	Washer, Lock, 5/16″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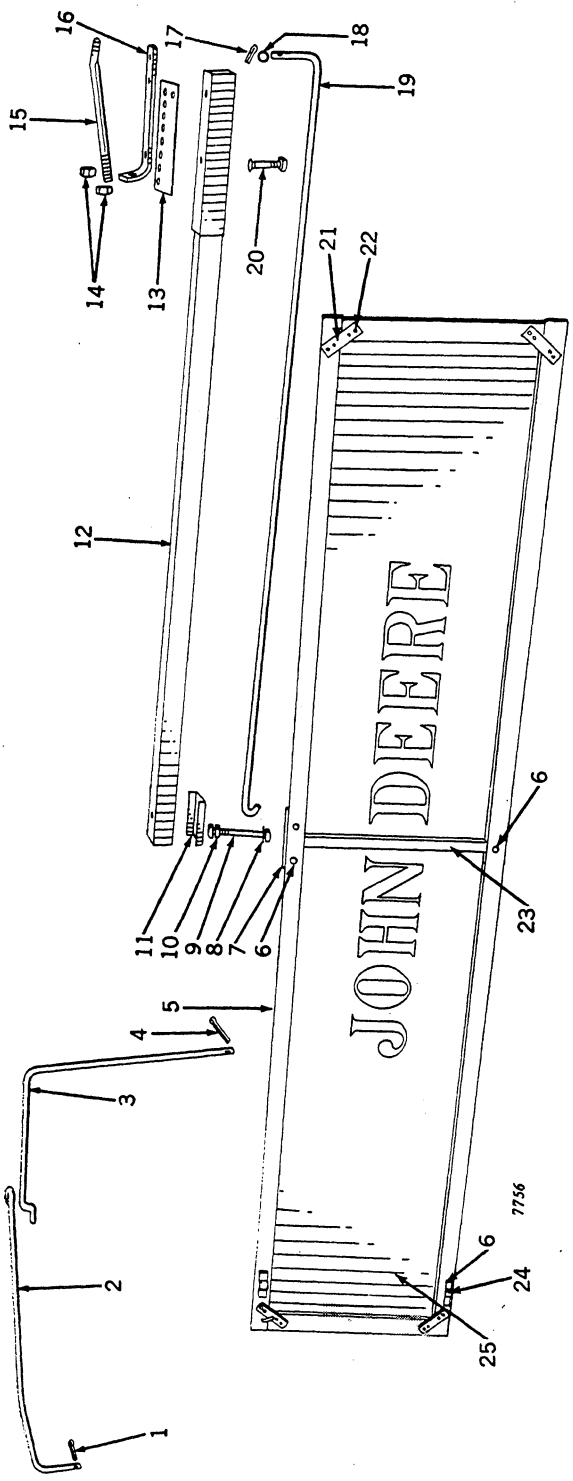
Key	Part No.	Description
1	B 8612 H	Board
2	B 4112 HW	Rod, Deflector
3	.....	Bolt, Cge., 1/4″ x 1-1/4″, with Nut (2 used)
	12H 9 R	Washer, Lock, 1/4″
4	HZ 6254 HW	Clip, Deflector Rod
5	.....	Bolt, Cge., 5/16″ x 1-1/2″, with Nut (3 used)
	12H 10 R	Washer, Lock, 5/16″
6	B 5850 HW	Shield, Cpt., 10-Ft.
	B 4464 HW	Shield, Cpt., 8-Ft.
7	B 4115 HW	Support
8	HZ 6085 HW	Nut, Tail
9	B 4427 HW	Post (Use AB138HW)
	AB 138 HW	Post, with Stud
10	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut (2 used)
	12H 11 R	Washer, Lock, 3/8″
11	16H 1082 A	Rivet, R.I.O.H., 5/16″ x 9/16″
12	B 4416 HW	Brace, Post
13	B 4284 HW	Stud
14	B 4084 HW	Clip, Shield, Front and Rear (2 used)
15	B 5857 HW	Guard, Grain
16	B 5368 HW	Bar, Frame
17	11H 80 R	Pin, Cotter, 3/16″ x 1″
18	B 5369 HW	Pin, Hinge, Drilled, 7/16″ x 5-3/16″
19	B 5939 HW	Deflector, Outside Guard, with Clip
20	B 4116 HW	Angle
21	B 4815 HW	Rod, Fender
22	B 4816 HW	Point
23	B 4109 HW	Point, Outside Divider, Cpt.
24	24H 149 H	Washer, Plain, 3/8″ x 7/8″ (2 used)
25	.....	Bolt, Cge., 5/16″ x 1-1/4″, with Nut
	12H 10 R	Washer, Lock, 5/16″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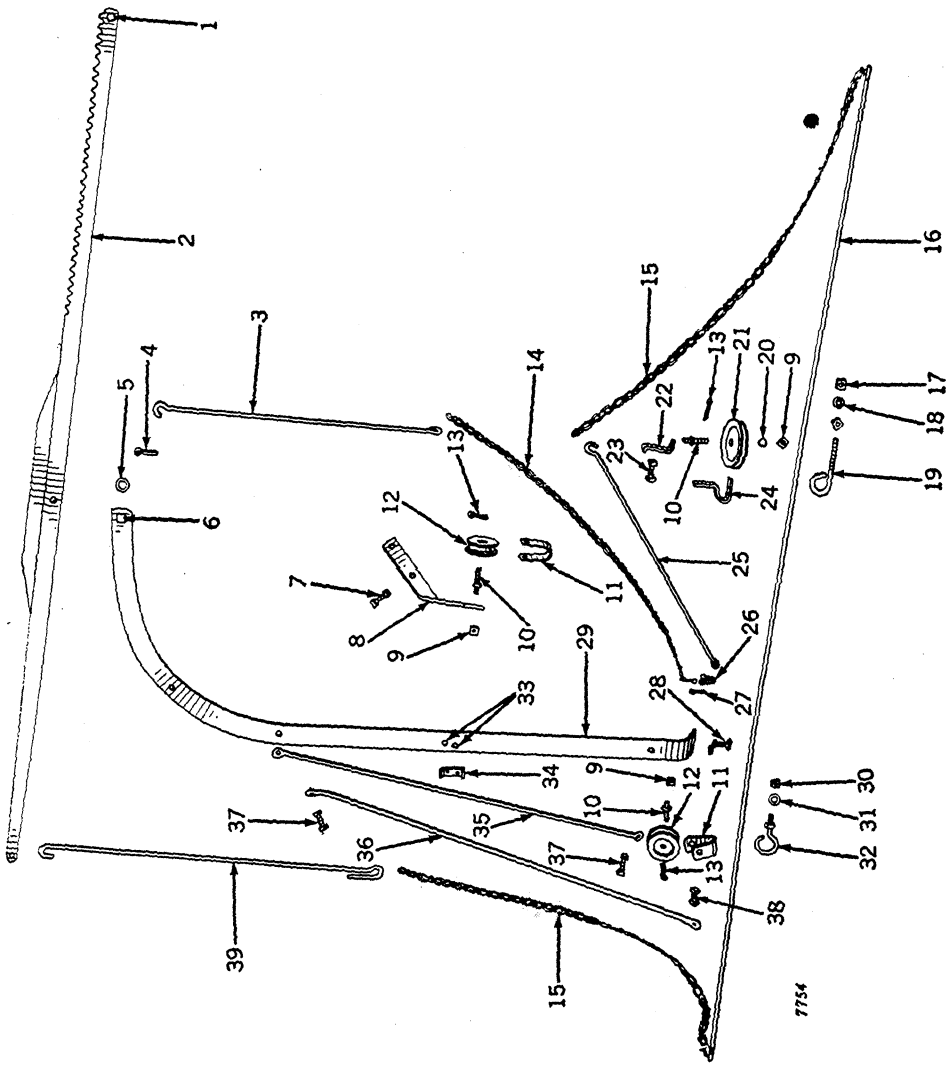
Key	Part No.	Description
1	11H 41 R	Pin, Cotter, 1/8″ x 1″, 10 Ft.
2	B 5703 HW	Support, Outer, 10 Ft.
3	B 5702 HW	Support, Inner, 10 Ft.
4	11H 38 R	Pin, Cotter, 1/8″ x 5/8″, 10 Ft.
5	AB 3056 HW	Windshield, Complete, 10 Ft.
	AB 3125 HW	Windshield, Complete, 8 Ft.
6	16H 301 H	Rivet, W.B.H., 3/16″ x 1-1/16″ (7 used)
7	B 5498 HW	Pivot, Lower, 10 Ft.
	B 4089 HW	Pivot, Lower, 8 Ft.
8	24H 149 H	Washer, Plain, 3/8″ x 7/8″ (2 used)
9	7H 476 R	Bolt, Mach., 3/8″ x 4″
10	14H 7 B	Nut, Sq. (2 used)
11	B 4090 HW	Pivot, Upper
12	B 8791 HW	Support, Windshield, 10 Ft.
	B 8549 HW	Support, Windshield, 8 Ft.

Key	Part No.	Description
13	B 6137 HW	Plate, Adjusting, 10 Ft.
	HZ 6663 HW	Plate, Adjusting, 8 Ft.
14	14H 12 B	Nut, Sq., 1/2″ (2 used)
15	HZ 6490 HW	Brace, Adjusting
16	HZ 6488 HW	Bracket, Support
17	11H 40 H	Pin, Cotter, 1/8″ x 7/8″
18	24H 161 A	Washer, Plain, 7/16″ x 1″
19	B 5107 HW	Rod, Parallel, 10 Ft.
	B 4414 HW	Rod, Parallel, 8 Ft.
20	.....	Bolt, Cge., 3/8″ x 2-1/4″, with Nut (2 used)
	12H 11 R	Washer, Lock, 3/8″
21	B 7494 HW	Bracket, Corner (4 used)
22	16H 297 H	Rivet, W.B.Hd., 3/16″ x 1″ (8 used)
23	B 4094 HW	Brace, Center, 10 Ft.
24	HZ 5642 HW	Clip, Windshield Support, 10 Ft. (2 used)
25	B 7804 HW	Plate, Windshield, 10 Ft.
	B 7493 HW	Plate, Windshield, 8 Ft.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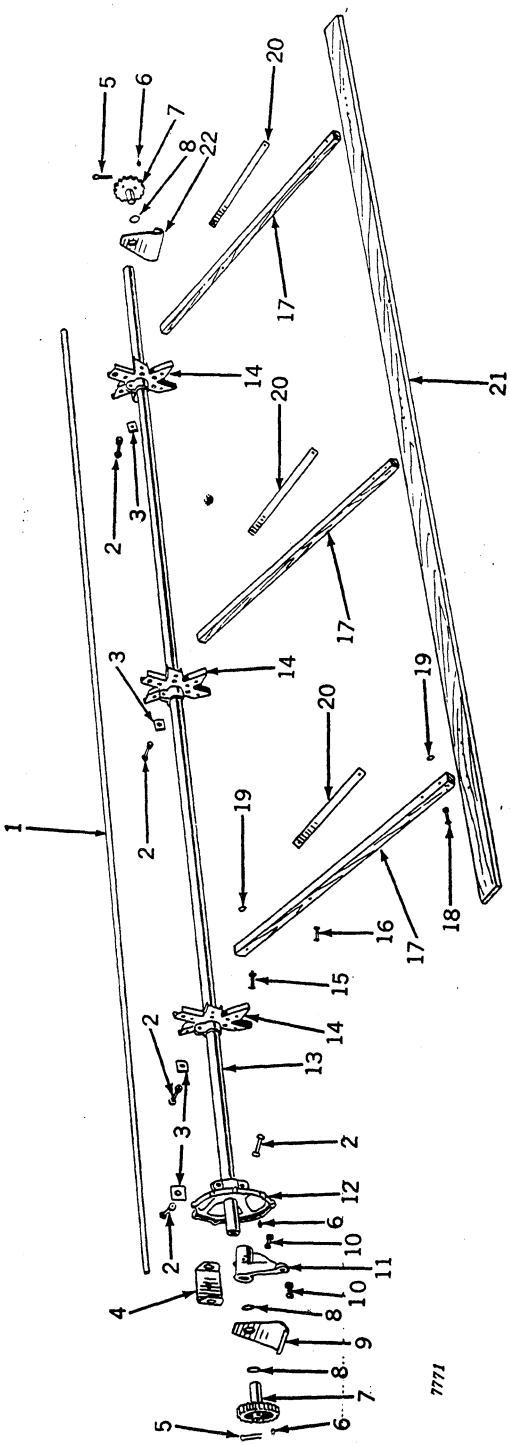
Key	Part No.	Description
1	.....	Bolt, Mach., 5/16″ x 3/4″
2	AB 2498 HW	Reel, Rack, Outer
3	B 4487 HW	Rod, Inside, Front
4	11H 109 B	Pin, Cotter, 1/4″ x 1″
5	24H 798 N	Washer, Plain, 1-1/16″ x 21/32″
6	B 4085 HW	Stud, Outside Reel Rack
7	7H 317 R	Bolt, Mach., 3/8″ x 1″ (2 used)
8	B 4215 HW	Bracket, Front
9	14H 7 B	Nut, Sq., 3/8″ (3 used)
10	B 4097 HW	Stud, Reel Chain Sheave (2 used)
11	B 4519 H	Shield, Sheave (2 used)
12	B 152 H	Sheave, Reel Chain (2 used)
13	11H 78 R	Pin, Cotter, 3/16″ x 3/4″ (3 used)
14	B 4531 HW	Chain, Reel Support, Short
15	B 4809 HW	Chain, Reel Support, Long (2 used)
16	B 5171 HW	Rod, Pull, Rear, 10-Ft.
	B 4221 HW	Rod, Pull, Rear, 8-Ft.
17	14H 10 B	Nut, Sq., 7/16″ (2 used)
18	12H 12 R	Washer, Lock, 7/16″
19	B 7901 HW	Guide, Inner
20	12H 11 R	Washer, Lock, 3/8″

Key	Part No.	Description
21	B 549 HW	Sheave, Reel Chain
22	B 5775 HW	Bracket, Rear, Inner
23	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″, with L.W.
24	B 5991 HW	Guide, Rear, Inner
25	B 4486 HW	Rod, Cross
26	B 4535 H	Link, End, Reel Support Chain (3 used)
27	11H 58 M	Pin, Cotter, 5/32″ x 3/4″ (3 used)
28	2H 306 R	Bolt, Cge., with Hex. Nut, 3/8″ x 1″
29	B 5964 HW	Support, Outer, Reel Rack
30	14H 5 R	Nut, Sq., 5/16″
31	12H 10 R	Washer, Lock, 5/16″
32	B 4574 HW	Eyebolt
33	16H 1087 A	Rivet, R.I.O.H., 5/16″ x 5/8″ (2 used)
34	HZ 6257 HW	Bracket, Hinge
35	B 4573 HW	Brace
36	B 4458 HW	Brace
37	.....	Bolt, Mach., with L.W., 3/8″ x 1-1/2″ (2 used)
38	2H 334 H	Bolt, Mach., with Hex. Nut, 3/8″ x 1-1/2″
39	B 5700 HW	Rod, Pull, Outer, 10-Ft.
	HZ 6397 HW	Rod, Pull, Outer, 8-Ft.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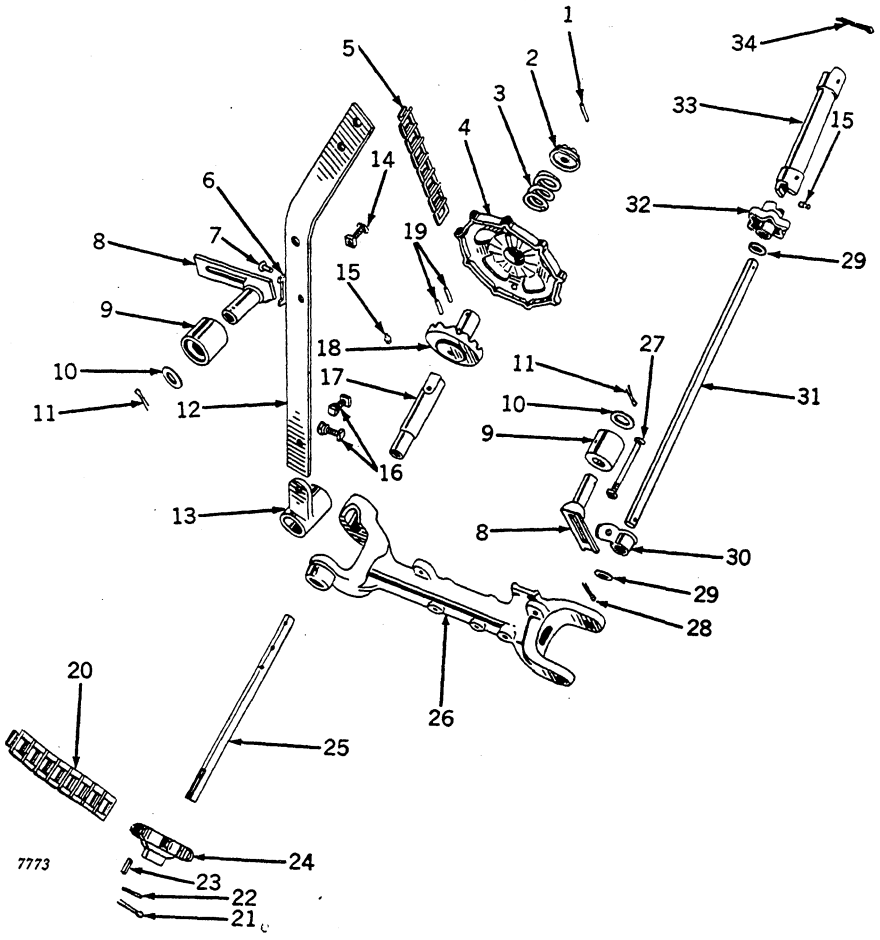
Key	Part No.	Description
1	B 5030 HW	Shaft, Gear, 10-Ft.
	B 4205 HW	Shaft, Gear, 8-Ft.
2	.....	Bolt, Carriage, 7/16″ x 1-3/4″ (5 used)
3	B 5932 HW	Key (4 used)
4	B 4189 HW	Plate, Reel Slide Bar
5	11H 84 R	Pin, Cotter, 3/16″ x 1-1/2″ (2 used)
6	JD 7759	Fitting, Alemite, 1/8″ Straight (3 used)
7	B 820 HW	Gear, Inner and Outer (2 used)
8	24H 251 A	Washer, Plain, 1-5/8″ x 1-1/32″ (3 used)
9	B 4206 HW	Guide, Inner
10	7H 317 R	Bolt, S.H.M., with L.W., 3/8″ x 1″ (2 used)
11	B 815 HW	Bearing, Inner
12	B 72 HW	Sprocket
13	B 5792 HW	Pipe, Reel, with Spiders, 10-Ft.
	B 4202 HW	Pipe, Reel, with Spiders, 8-Ft.
	B 5936 HW	Pipe, Reel, 10-Ft.
	B 5935 HW	Pipe, Reel, 8-Ft.
14	B 76 HW	Spider, Reel (2 used 8-Ft., 3 used 10-Ft.)
15	.....	Bolt, Cge., 5/16″ x 1-1/2″ (12 used 8-Ft., 18 used 10-Ft.)
16	.....	Bolt, Cge., 1/4″ x 1-1/4″ (12 used 8-Ft., 18 used 10-Ft.)
17	B 8853 HW	Arm, Reel (12 used 8-Ft., 18 used 10-Ft.)
18	.....	Bolt, Cge., 5/16″ x 1-3/4″ (12 used 8-Ft., 18 used 10-Ft.)
19	24H 101 H	Washer, Plain, 7/8″ x 3/8″ (24 used 8-Ft., 36 used 10-Ft.)
20	B 8089 HW	Brace, Tie
21	B 8707 HW	Slat, Reel, 10-Ft. (6 used)
	B 8632 HW	Slat, Reel 8-Ft. (6 used)
22	B 7759 HW	Slide, Reel Rack, Outer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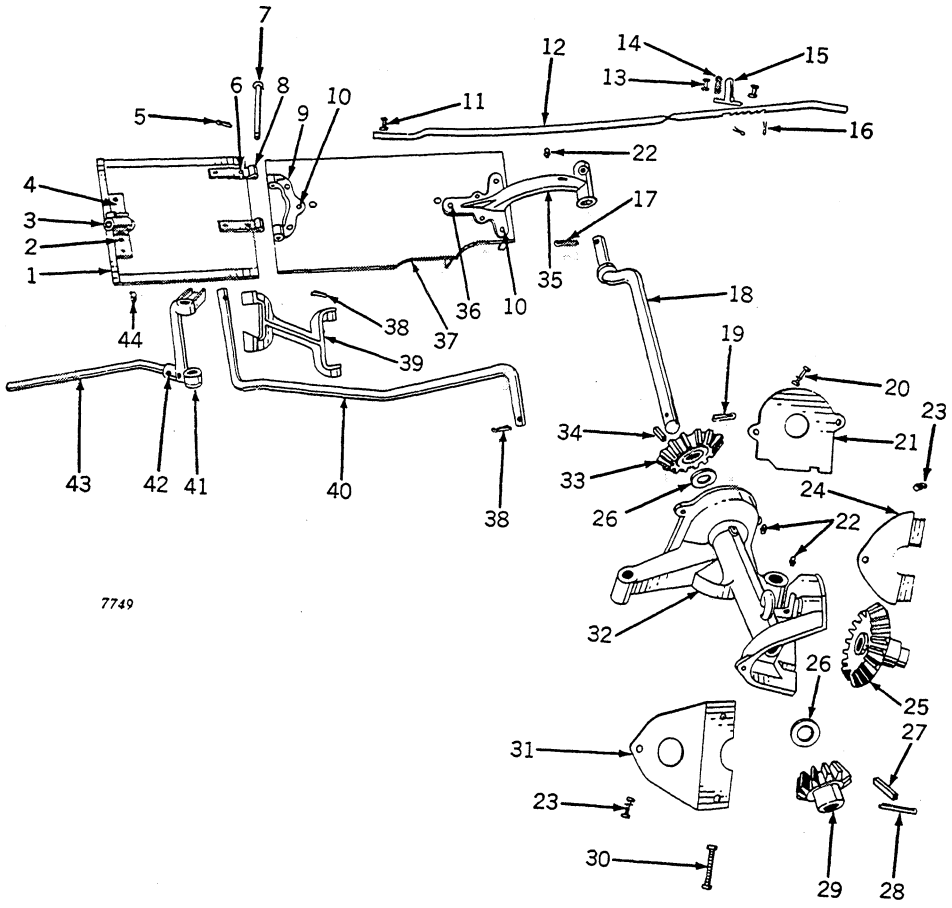
Key	Part No.	Description
1	HZ 5939 HW	Pin, Straight
2	B 314 HW	Nut, Slip Clutch
3	B 4620 H	Spring, Reel Slip Clutch
4	B 371 HW	Sprocket, Reel Slip Clutch
	B 565 HW	Sprocket, Special (To Speed up Reel)
5	.....	Chain, Reel Upper (53 Links No. 42 Steel)
6	B 5503 HW	Guide, Chain Tightener
7	16H 267 T	Rivet, R.I.O.H., 3/16″ x 9/16″ (2 used)
8	B 489 HW	Tightener, Chain (2 used)
9	B 646 HW	Roller, Chain Tightener (2 used)
10	24H 818 H	Washer, Plain, 1-5/16″ x 29/32″
11	11H 81 H	Pin, Cotter, 3/16″ x 1-1/8″ (2 used)
12	B 7011 HW	Frame, Reel, Upper
13	B 396 HW	Bracket, Reel Frame, Upper
14	.....	Bolt, Cge., 3/8″ x 1″
15	JD 7759	Fitting, Alemite, 1/8″ Straight (2 used)
16	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with L.W. (2 used)
17	B 819 HW	Bearing, Hinge
18	B 615 HW	Clutch, Slip, Reel
19	B 5725 HW	Pin, Straight, 1/4″ x 1-3/8″ (2 used)
20	.....	Chain, Reel Lower (36 Links No. 42 Steel)
21	11H 80 R	Pin, Cotter, 3/16″ x 1″
22	24H 206 H	Washer, Plain, 1-1/4″ x 21/32″
23	B 4182 HW	Key, 1/4″ Sq. x 7/8″
24	B 661 HW	Sprocket, Reel Countershaft
25	B 6040 HW	Shaft, Reel Slip Clutch
26	B 814 HW	Frame, Reel, Lower
27	2H 422 R	Bolt, Cge., 3/8″ x 4″
28	11H 111 B	Pin, Cotter, 1/4″ x 1-1/4″
29	24H 221 H	Washer, Plain, 1-5/16″ x 25/32″
30	B 428 HW	Spacer, Reel Frame
31	B 6059 HW	Shaft, Reel Drive
32	B 1146 HW	Sprocket, Reel Drive
33	B 626 HW	Sleeve, Reel Drive
34	11H 115 B	Pin, Cotter, 1/4″ x 1-3/4″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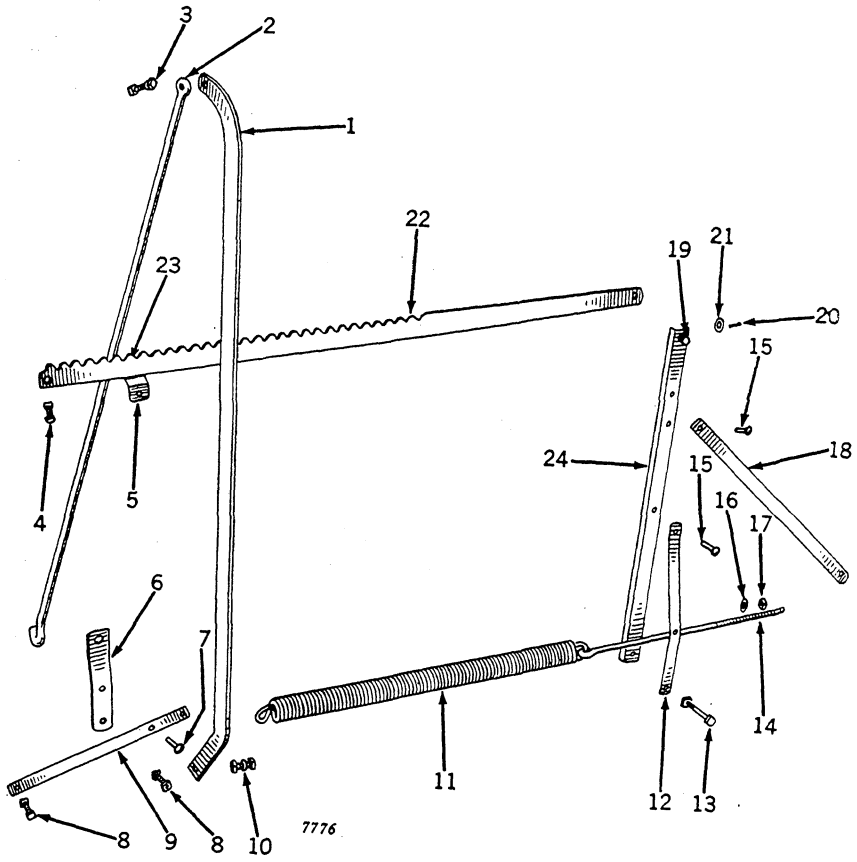
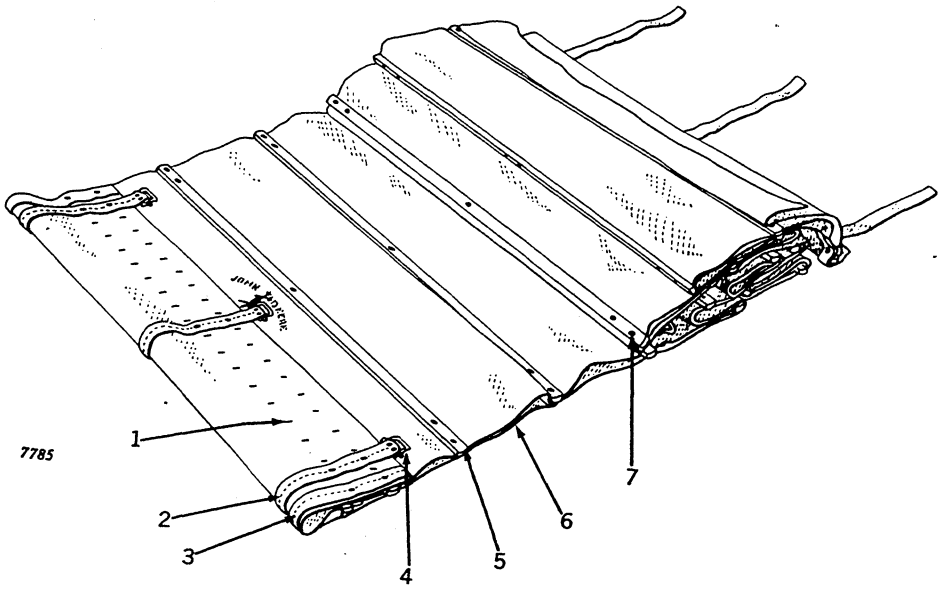
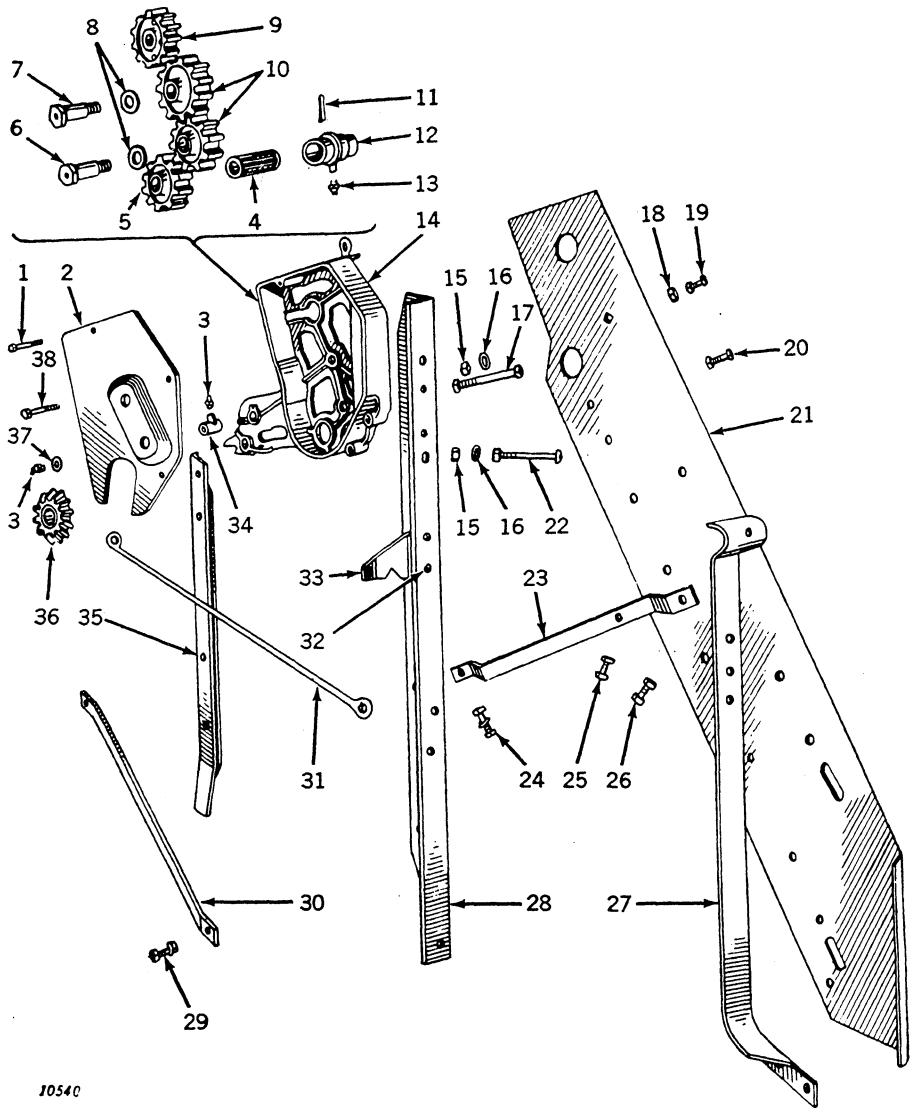
Key	Part No.	Description
1	AB 2440 HW	Extension, Complete
2	16H 255 H	Rivet, R.I.O.H., 3/16″ x 7/16″ (4 used)
3	B 840 HW	Bearing, Slide
4	B 4231 HW	Hinge, Bearing (2 used)
5	11H 38 R	Pin, Cotter, 1/8″ x 5/8″
6	16H 250 R	Rivet, R.I.O.H., 3/16″ x 3/8″ (4 used)
7	B 4228 HW	Pin, Hinge
8	B 4229 HW	Hinge, Extension
9	B 95 HW	Hinge, Adjuster Board
10	16H 689 A	Rivet, R.I.O.H., 1/4″ x 7/8″ (5 used)
11	.....	Bolt, Mach., 5/16″ x 1″ with L.W.
12	B 6222 HW	Lever, Adjuster Shifter
13	.....	Bolt, Mach., 5/16″ x 3/4″
14	HZ 5621 H	Spring, Extension
15	B 156 HW	Lock, Adjusting Lever
16	11H 78 R	Pin, Cotter, 3/16″ x 3/4″ (2 used)
17	11H 109 B	Pin, Cotter, 1/4″ x 1″
18	B 7767 HW	Shaft, Adjuster Drive
19	11H 88 R	Pin, Cotter, 1/4″ x 1″
20	.....	Bolt, Mach., 1/4″ x 1″ with L.W. (2 used)
21	B 7769 HW	Cover, Top
22	JD 7759	Fitting, Alemite, 1/8″ Straight (3 used)
23	.....	Bolt, Mach., 1/4″ x 3/4″ with L. W.
24	B 7771 HW	Cover, Bottom
25	B 439 HW	Gear, Reel Drive
26	24H 234 R	Washer, Plain, 1-5/8″ x 29/32″ (2 used)
27	HZ 5877 H	Key, 1/4″ Sq. x 1/2″
28	11H 111 B	Pin, Cotter, 1/4″ x 1-1/4″
29	B 440 HW	Pinion, Reel Drive
30	.....	Bolt, Mach., 1/4″ x 2″, with L.W. (2 used)
31	B 7770 HW	Cover, Front
32	B 1144 HW	Housing, Bevel Gear
33	B 1024 HW	Gear, Bevel
34	H 2904 H	Key, 1/4″ x 1/4″ x 1-1/2″
35	B 1076 HW	Arm, Crank
36	16H 676 H	Rivet, W.B. Hd., 1/4″ x 3/4″ (3 used)
37	AB 3098 HW	Board, Adjuster, Complete
38	11H 109 B	Pin, Cotter, 1/4″ x 1″ (2 used)
39	B 94 HW	Hinge, Adjuster
40	B 4225 HW	Rod, Support
41	B 625 HW	Bracket, Extension
42	16H 689 A	Rivet, R.I.O.H., 1/4″ x 7/8″ (2 used)
43	B 6051 HW	Slide, Extension
44	JD 7760	Fitting, Alemite, 1/8″, 67-1/2°



Key	Part No.	Description
1	B 4999 HW	Bar, Slide
2	B 5726 HW	Brace
3	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with L.W.
4	.....	Bolt, Mach., 5/16″ x 3/4″
5	B 4319 HW	Bracket
6	B 6098 HW	Standard
7	16H 1087 A	Rivet, R.I.O.H., 5/16″ x 5/8″
8	.....	Bolt, Mach., 5/16″ x 1-1/4″ (2 used)
9	B 5173 HW	Connection, Reel Lifting Rod and Spring
10	7H 317 R	Bolt, Mach., 3/8″ x 1″
11	B 6063 HW	Spring with Extension Rod, Complete
12	B 4665 HW	Brace
13	.....	Bolt, Mach., 3/8″ x 2-3/4″
14	B 6058 HW	Rod, Extension
15	16H 1304 A	Rivet, R.I.O.H., 3/8″ x 5/8″ (2 used)
16	24H 161 A	Washer, Plain, 1″ x 7/16″
17	14H 7 B	Nut, Sq., 3/8″
18	B 4798 HW	Brace
19	B 4491 HW	Stud, 1/2″ x 1-1/8″
20	11H 79 H	Pin, Cotter, 3/16″ x 7/8″
21	24H 184 R	Washer, Plain, 15/16″ x 17/32″
22	AB 2500 HW	Rack, Reel, Inner
23	16H 260 R	Rivet, R.I.O.H., 3/16″ x 1/2″
24	AB 2699 HW	Support, Reel Rack with Stud



Key	Part No.	Description
1	HZ 7143 H	Staples for Canvas (12, 3 oz. Boxes per Carton)
	HZ 6430 H	Staples for Canvas (Per lb.)
2	B 8857 HW	Strap, Webbage, with Buckle, 8-Ft. Platform (3 used)
	B 8752 HW	Strap, Webbage, with Buckle, 10-Ft. Platform (3 used)
	B 8786 HW	Strap, Webbage, with Buckle, Upper Elevator (4 used)
	B 8788 HW	Strap, Webbage, with Buckle, Lower Elevator (4 used)
3	B 8934 HW	Wearing, Strap, 8-Ft. Platform (1 Regular) (2 Heavy)
	B 8866 HW	Wearing, Strap, 10-Ft. Platform (1 Regular) (2 Heavy)
	B 8935 HW	Wearing, Strap, Upper Elevator, Heavy (2 used)
	B 8936 HW	Wearing, Strap, Lower Elevator, Heavy (2 used)
4	B 6811 HW	Buckle
5	HZ 9064 HW	Slat, Canvas
6	B 8751 HW	Canvas, Platform, Complete, 10-Ft. Regular
	AB 3716 HW	Canvas, Platform, 8-Ft. (Extra Heavy)
	B 8858 HW	Canvas, Platform, Complete, 8-Ft. Regular
	AB 3717 HW	Canvas, Platform, 10-Ft. (Extra Heavy)
	B 8787 HW	Canvas, Upper Elevator, Complete
	AB 3719 HW	Canvas, Upper Elevator, Complete (Extra Heavy)
	B 8789 HW	Canvas, Lower Elevator, Complete
	AB 3718 HW	Canvas, Lower Elevator, Complete (Extra Heavy)
7	HZ 6077 H	Rivets and Burrs, Canvas Slats (Per lb.)
	HZ 7144 H	Rivets and Burrs, Canvas Slats (12, 4 oz. Boxes per Carton)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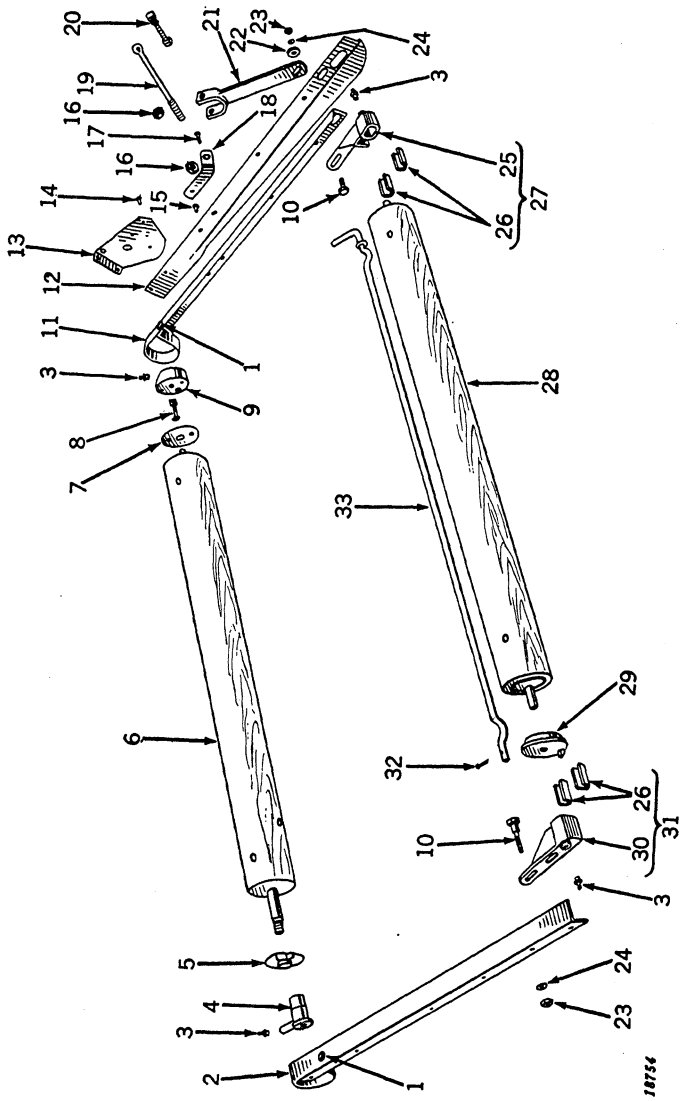
Key	Part No.	Description
1	19H 43 T	Screw, Cap, with L.W., 1/4″ x 1-3/4″ (2 used)
2	B 8144 HW	Cover, Gear
3	JD 7759	Fitting, Grease, Straight, 1/8″ (4 used)
4	AB 3744 H	Bearing, Roller (2 used)
5	B 674 HW	Gear, Spur, Lower Elevator
6	B 7766 HW	Stud, Intermediate Gear, Lower
7	B 7765 HW	Stud, Intermediate, Upper
8	24H 769 H	Washer, Plain, 1/2″ x 1-1/32″ (2 used)
9	B 675 HW	Gear, Spur, Upper Elevator
10	B 676 HW	Gear, Spur, Elevator Intermediate (2 used)
11	11H 79 H	Pin, Cotter, 3/16″ x 7/8″
12	B 712 HW	Box, Roller, Front
13	JD 7760	Fitting, Grease, 67-1/2°, 1/8″
14	B 1021 HW	Bracket, Gear, Front Elevator
15	.....	Nut, Hex., 7/16″ (2 used)
16	24H 178 A	Washer, Plain, 1/2″ x 1-1/8″
17	7H 681 H	Bolt, Mach., 7/16″ x 4-1/2″, with Hex. Nut
18	14H 465 T	Nut, Hex., Jam, 3/8″
19	2H 305 A	Bolt, Cge., 3/8″ x 1″, less Nut
20	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut
	12H 11 R	Washer, Lock, 3/8″
21	B 7451 HW	Plate, Side, Front
22	.....	Bolt, Cge., 7/16″ x 4″, with Hex. Nut
23	B 6576 HW	Tie, Cross, Front Elevator
24	.....	Bolt, Mach., 5/16″ x 3/4″, with Nut
25	.....	Bolt, Mach., 3/8″ x 7/8″, with Nut
	12H 11 R	Washer, Lock, 3/8″
26	.....	Bolt, Mach., 3/8″, 1″, with Nut
	12H 11 R	Washer, Lock, 3/8″
27	B 6584 HW	Support, Seat Pipe, Upper
28	B 7802 HW	Post, Front Elevator
29	.....	Bolt, Mach., 7/16″ x 1-1/2″, with Nut
	12H 12 R	Washer, Lock, 7/16″
30	B 6628 HW	Tie, Cross, Lower
31	B 6621 HW	Brace
32	16H 1096 A	Rivet, R.I.O.H., 5/16″ x 3/4″ (2 used)
33	B 7807 HW	Bracket, Lower
34	B 802 HW	Box, Roller, Seventh, Front
35	B 7905 HW	Support, Front Elevator
36	B 1023 HW	Gear, Adjuster Drive
37	24H 161 A	Washer, Plain, 1″ x 7/16″
38	19H 48 H	Screw, Cap, 1/4″ x 2″ (2 used)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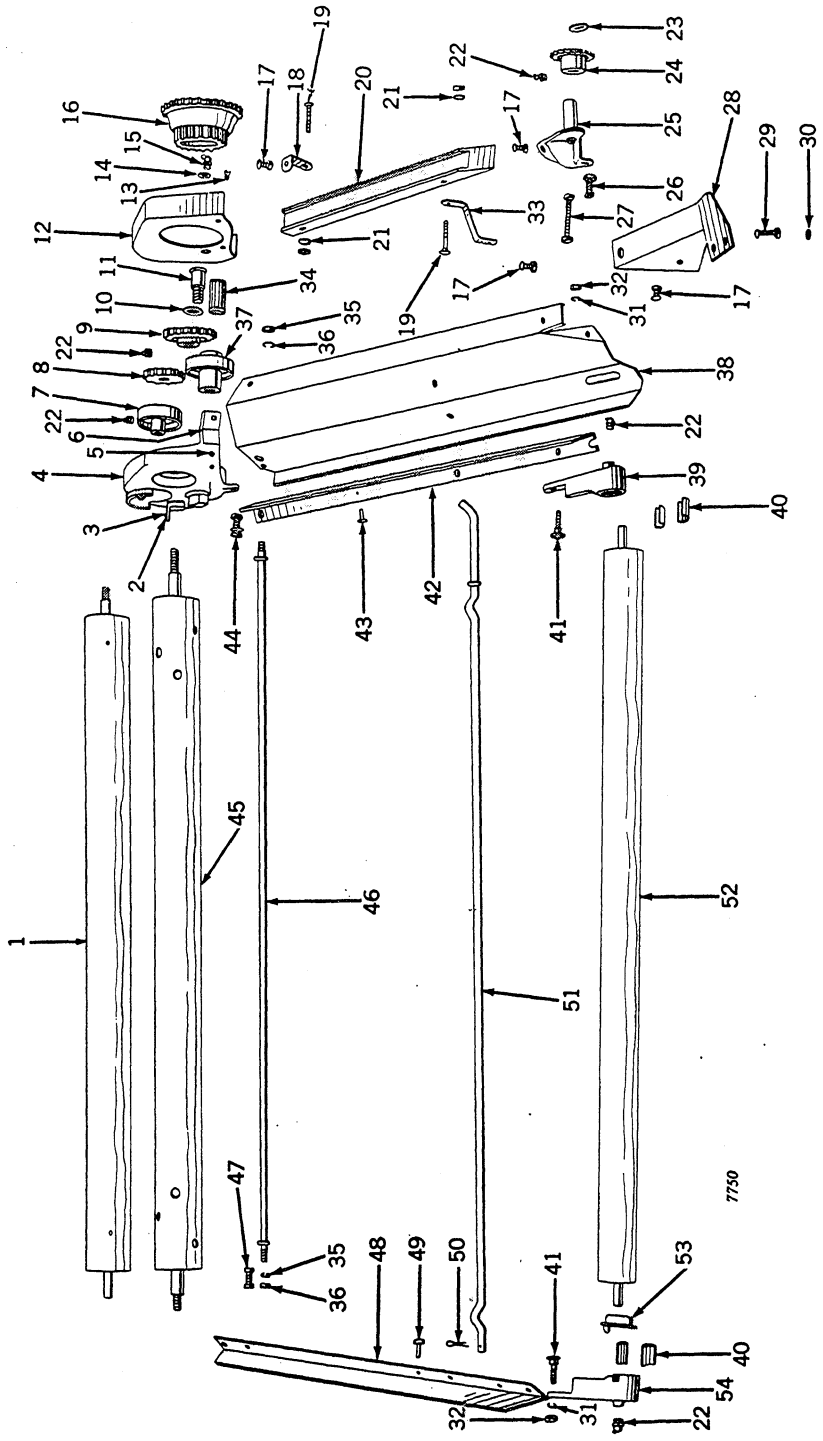
Key	Part No.	Description
1	16H 660 R	Rivet, Ctsk. Hd., 1/4″ x 5/8″ (2 used)
2	B 5427 HW	Guide, Canvas, Front
3	JD 7759	Fitting, Grease, Straight, 1/8″ (4 used)
4	B 1025 HW	Box, Roller
5	B 4638 HW	Washer, Front
6	B 8582 HW	Roller, Upper, Upper Elevator
7	B 6035 HW	Washer, Rear
8	.....	Bolt, Cge., 5/16″ x 1-3/4″, with Nut
9	B 8867 HW	Bushing, Roller
10	B 5035 HW	Bolt, Shoulder (2 used)
11	B 5428 HW	Guide, Canvas, Rear
12	B 5951 HW	Side, Rear, Upper Elevator
13	B 5950 HW	Bracket, Grain Shield
14	16H 1091 H	Rivet, R.I.O.H., 5/16″ x 11/16″ (2 used)
15	16H 663 A	Rivet, R.I.O.H., 1/4″ x 5/8″
16	16H 106 B	Nut, Hex., 5/8″ (2 used)
17	16H 695 H	Rivet, R.I.O.H., 1/4″ x 15/16″ (2 used)

Key	Part No.	Description
18	B 6513 HW	Bracket, Support Rod
19	B 6512 HW	Rod, Support
20	.....	Bolt, Mach., 7/16″ x 3-1/2″ with L.W.
21	AB 3239 HW	Support, Upper Elevator
22	HZ 334 HW	Washer, Notched
23	14H 95 A	Nut, Hex., 3/8″ (2 used)
24	12H 11 R	Washer, Lock, 3/8″ (2 used)
25	B 811 HW	Box, Slide, Rear (Order AB699HW)
26	B 8519 HW	Bushing (4 used)
27	AB 699 HW	Box, Slide, Rear, Complete
28	B 8580 HW	Roller, Lower, Upper Elevator
29	B 50 HW	Washer, Roller
30	B 810 HW	Box, Slide, Front (Order AB712HW)
31	AB 712 HW	Box, Slide, Front, Complete
32	11H 79 H	Pin, Cotter, 3/16″ x 7/8″
33	B 5020 HW	Crank, Canvas Tightener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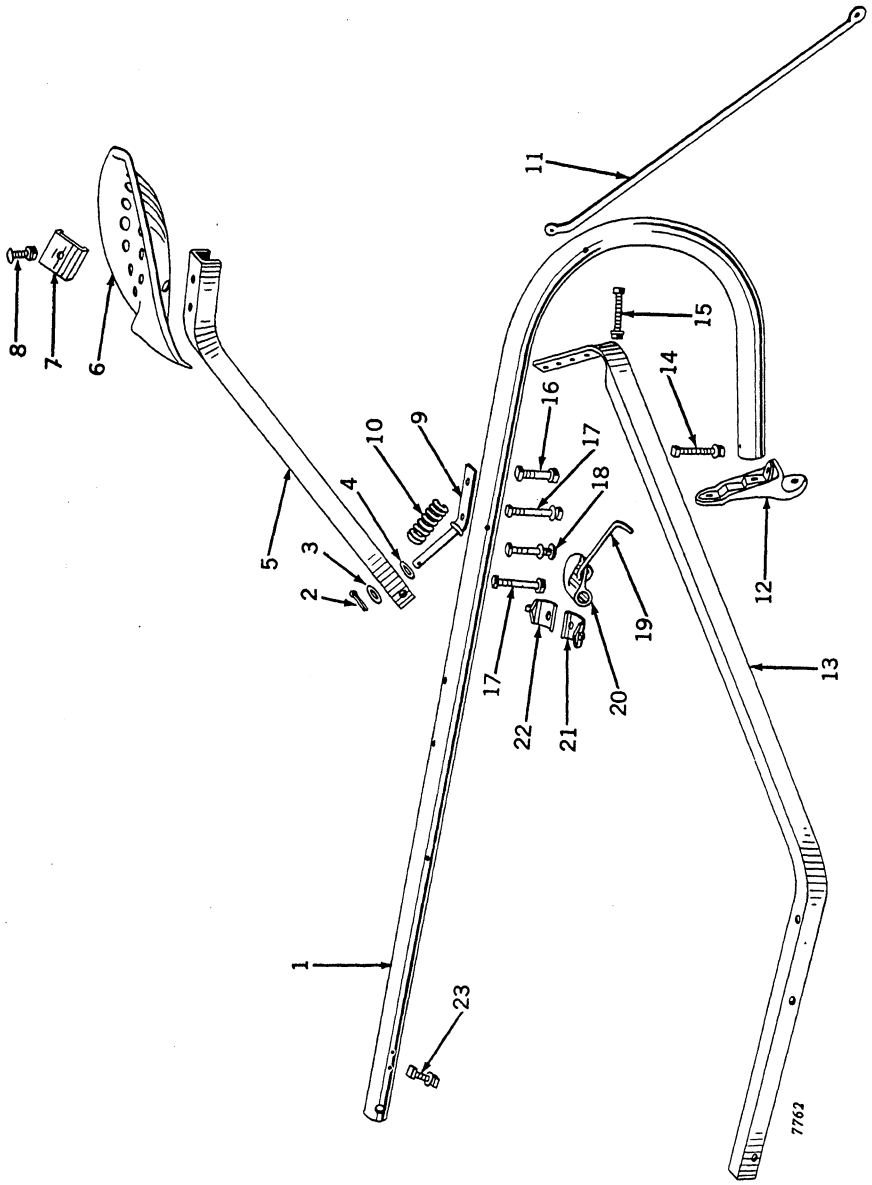
Key	Part No.	Description
1	AB 3258 HW	Roller, Seventh
2	B 8057 HW	Angle, Support
3	16H 663 A	Rivet, R.I.O.H., 1/4″ x 5/8″
4	AB 3416 HW	Bracket, Gear, Complete
	B 1122 HW	Bracket, Gear (Order AB3416HW)
5	16H 260 R	Rivet, R.I.O.H., 3/16″ x 2″ (2 used)
6	B 8056 HW	Support, Side Plate
7	B 1027 HW	Box, Seventh Roller, Rear
8	HZ 79 HW	Pinion, Seventh Roller
9	B 1026 HW	Gear, Intermediate
10	24H 769 H	Washer, Plain, 1/2″ x 1-1/32″
11	B 7765 HW	Stud, Intermediate Gear
12	B 7914 HW	Cover, Gear Bracket
13	19H 13 R	Screw, Cap, 1/4″ x 1/2″ with L.W. (4 used)
14	24H 161 A	Washer, Plain, 1″ x 7/16″
15	JD 7760	Fitting, Alemite, 1/8″, 67-1/2°
16	B 1002 HW	Sprocket and Gear
17	.....	Bolt, Cge., 5/16″ x 3/4″ (4 used)
18	B 7800 HW	Bracket, Chain Guide, Upper
19	2H 220 R	Bolt, Cge., 5/16″ x 2-1/4″ (2 used)
20	B 7799 HW	Guide, Chain
21	.....	Washer, Plain, 7/8″ x 5/16″ (2 used)
22	JD 7759	Fitting, Alemite, 1/8″ Straight (5 used)
23	24H 152 B	Washer, Plain, 1/4″ x 3/8″
24	J 829 H	Sprocket, Idler
25	B 149 HW	Stud, Idler Sprocket
26	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″
27	.....	Bolt, Mach., 5/16″ x 3″
28	B 4808 HW	Shield, Chain
29	.....	Bolt, Cge., 5/16″ x 1-1/4″ (2 used)
30	24H 149 H	Washer, Plain, 7/8″ x 3/8″ (2 used)
31	12H 11 R	Washer, Lock, 3/8″ (2 used)
32	14H 95 A	Nut, Hex., 3/8″ (2 used)
33	B 7801 HW	Bracket, Chain Guide, Lower
34	AB 3744 H	Bearing, Roller
35	14H 91 H	Nut, Hex., 7/16″ (2 used)
36	12H 12 R	Washer, Lock, 7/16″ (2 used)
37	B 1028 HW	Box, Upper Roller, Rear
38	B 7781 HW	Plate, Side, Rear
39	AB 702 HW	Box, Slide, Rear, Complete
	B 808 HW	Box, Slide, Rear (Order AB702HW)
40	B 8519 HW	Bushing, Wood (4 used)
41	B 5035 HW	Bolt, Shoulder (2 used)
42	B 6723 HW	Guide, Canvas, Rear
43	16H 641 H	Rivet, R.I.O.H., 1/4″ x 7/16″
44	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″
45	B 8585 HW	Roller, Lower Elevator, Upper
46	B 5471 HW	Rod, Cross Tie
47	7H 319 H	Bolt, Mach., with Hex. Nut, 3/8″ x 1″
48	B 7452 HW	Guide, Canvas, Front
49	16H 634 R	Rivet, R.I.O.H., 1/4″ x 3/8″ (4 used)
50	11H 79 H	Pin, Cotter, 3/16″ x 7/8″
51	B 5019 HW	Crank, Canvas Tightener
52	B 8576 HW	Roller, Lower Elevator, Lower
53	B 900 HW	Washer, Roller
54	AB 2690 HW	Box, Slide, Front, Complete
	B 901 HW	Box, Slide, Front (Order AB2690HW)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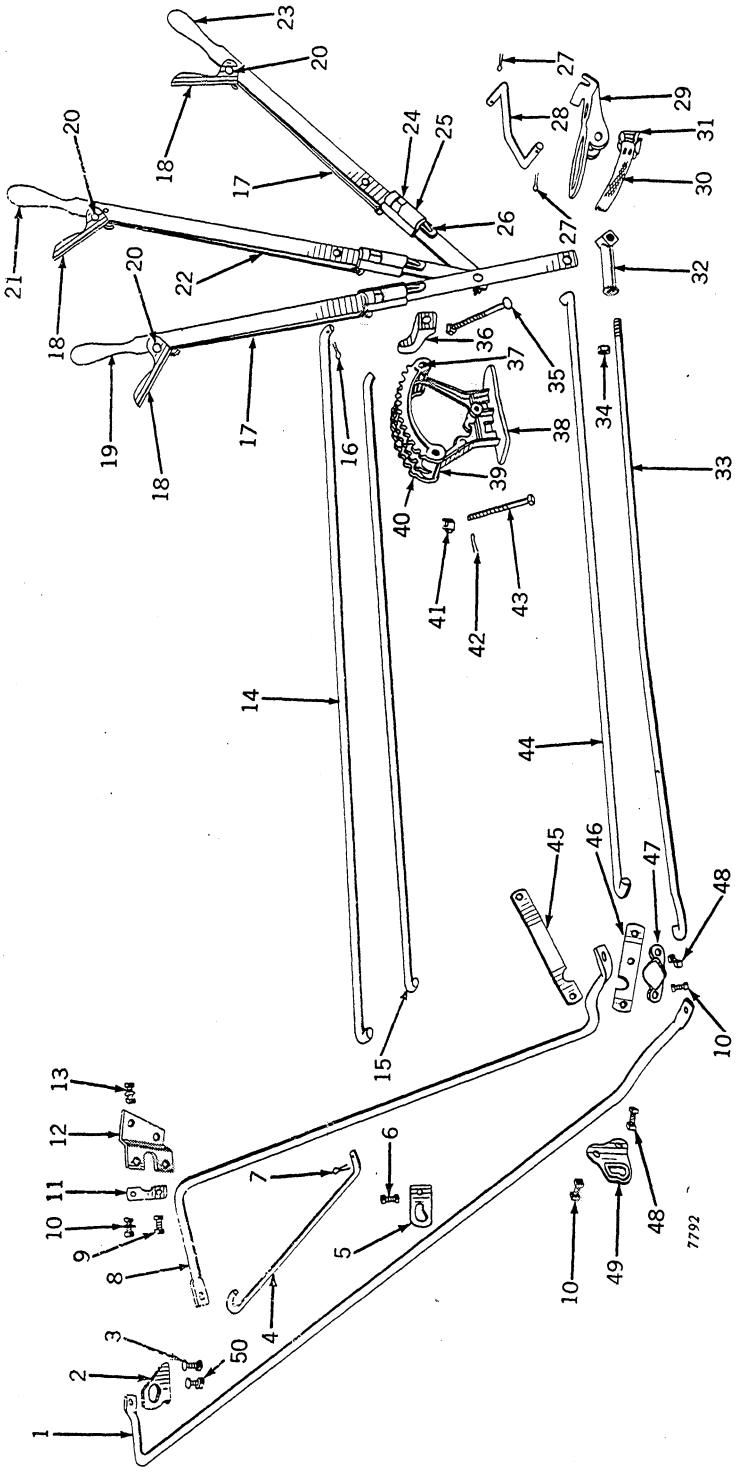
Key	Part No.	Description
1	B 7908 HW	Pipe, Seat
2	11H 110 H	Pin, Cotter, 1/4″ x 1-1/8″
3	24H 207 H	Washer, Plain, 21/32″ x 1-3/8″
4	24H 495 T	Washer, Plain, 25/32″ x 1-3/8″
5	B 7530 HW	Channel, Seat
6	JD 54 D	Seat
7	JD 55 D	Plate, Seat
8	2H 478 H	Bolt, Cge., 7/16″ x 1-1/2″, with Nut
	12H 12 R	Washer, Lock, 7/16″
9	B 7853 HW	Guide, Seat Spring
10	Z 6008 H	Spring, Seat
11	B 5705 HW	Brace
12	B 1075 HW	Foot, Seat Pipe
13	B 5704 HW	Brace, Angle, 10-Ft.
	B 6641 HW	Brace, Angle, 8-Ft.
14	7H 847 R	Bolt, Mach., 1/2″ x 2-3/4″, with Nut
	12H 13 R	Washer, Lock, 1/2″
15	.....	Bolt, Mach., 7/16″ x 3-1/2″, with Nut (2 used)
	12H 12 R	Washer, Lock, 7/16″
16	7H 831 A	Bolt, Mach., 1/2″ x 2-1/2″, with Nut
	12H 13 R	Washer, Lock, 1/2″
17	7H 893 R	Bolt, Mach., 1/2″ x 3-1/2″, with Nut
	12H 13 R	Washer, Lock, 1/2″
18	2H 561 A	Bolt, Cge., 7/16″ x 3″, with Nut
	12H 12 R	Washer, Lock, 7/16″
19	B 7405 HW	Link, Adjusting
20	B 1078 HW	Bearing, Foot Treadle Crank
21	B 942 HW	Bracket, Hinge, Lower
22	B 943 HW	Bracket, Hinge, Upper
23	.....	Bolt, Mach., 7/16″ x 3″, with Nut (2 used)
	12H 12 R	Washer, Lock, 7/16″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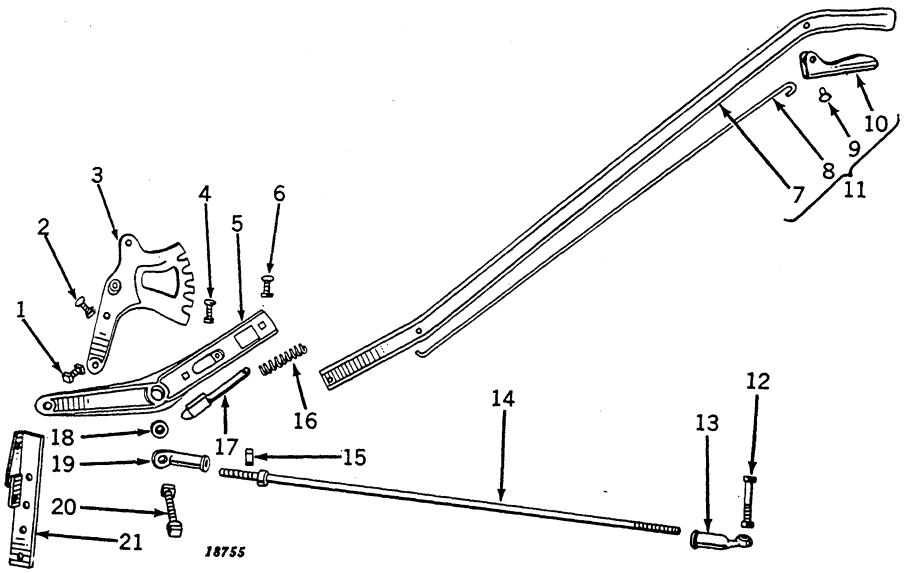
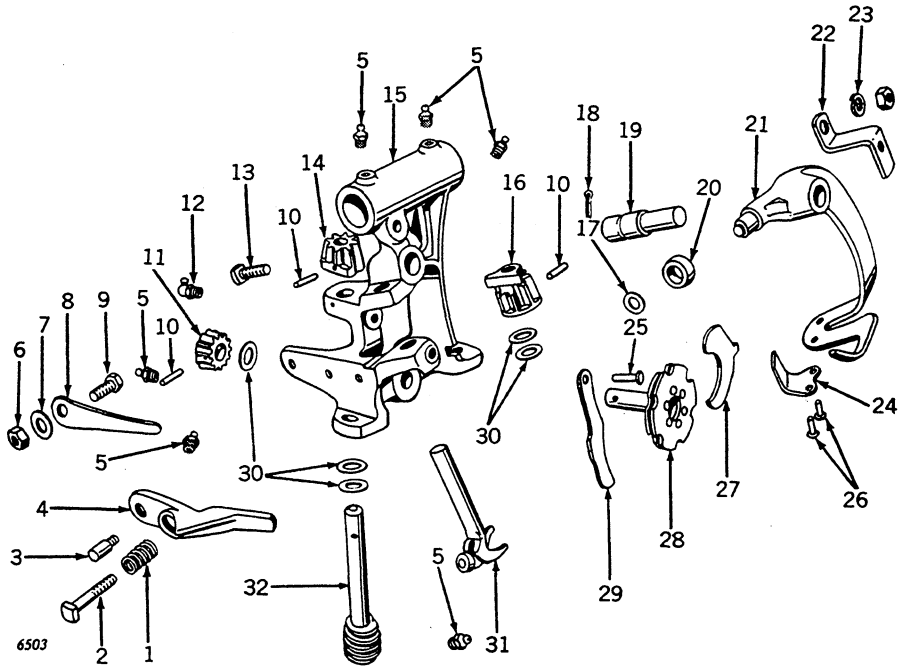
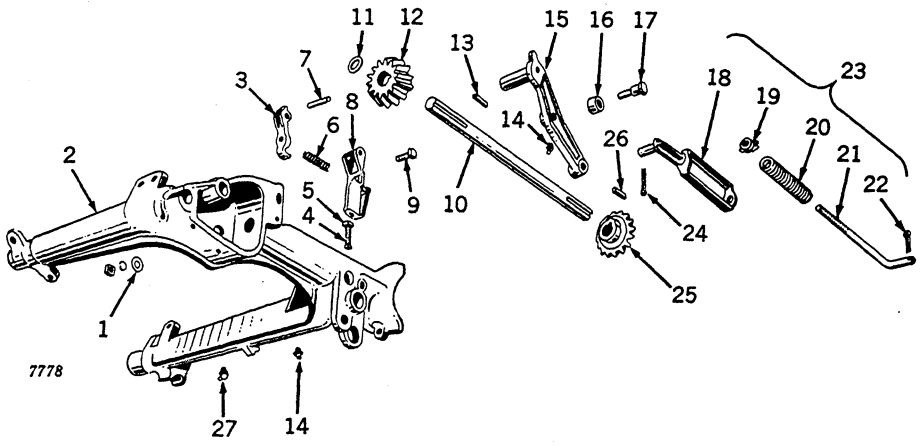
Key	Part No.	Description
1	B 7900 HW	Crank, Dump
2	B 165 HW	Bearing, Dump Crank, Outer
3	.....	Bolt, Cge., 5/16″ x 1-1/4″, with L.W.
4	B 6561 HW	Link, Connection
5	B 4481 HW	Bearing, Dump Crank, Middle
6	7H 301 R	Bolt, Mach., 3/8″ x 3/4″
7	11H 38 R	Pin, Cotter, 1/8″ x 5/8″ (2 used)
8	B 6560 HW	Crank, Binder Shifter
9	.....	Bolt, Mach., 5/16″ x 3/4″
10	.....	Bolt, Mach., 5/16″ x 1″, with L.W.
11	B 7907 HW	Support, Binder Shifter Crank, Outer, Upper
12	B 7906 HW	Support, Binder Shifter Crank, Outer, Lower
13	7H 317 R	Bolt, Mach., 3/8″ x 1″ (2 used)
14	B 4176 HW	Rod, Reel Tilting
15	B 4296 HW	Rod, Reel Lifting
16	11H 80 R	Pin, Cotter, 3/16″ x 1″
17	B 4167 HW	Rod, Detent (2 used)
18	3159 A	Latch, Hand (3 used)
19	B 5045 HW	Lever, Binder Shifter
	B 5122 HW	Lever, Binder Shifter, Complete
20	16H 1082 A	Rivet, 5/16″ x 9/16″ (3 used)
21	B 4637 HW	Lever, Reel Tilting
	B 4649 HW	Lever, Reel Tilting, Complete
22	B 4175 HW	Rod, Detent Reel Tilting
23	B 5088 HW	Lever, Reel Lifting
	B 5123 HW	Lever, Reel Lifting, Complete
24	HZ 5198 H	Spring, Detent (3 used)
25	B 275 HW	Detent (3 used)
26	Z 5362 H	Stop, Spring (3 used)
27	11H 79 H	Pin, Cotter, 3/16″ x 7/8″ (2 used)
28	B 4303 HW	Crank, Foot Treadle
29	B 114 HW	Treadle, Foot
30	AHZ 469 HW	Strap, Webbage, with Buckle
31	B 6811 HW	Buckle
32	HZ 549 HW	Extension, Connecting Rod
33	B 6357 HW	Rod, Connecting
34	14H 102 A	Nut, Hex., 1/2″
35	.....	Bolt, Cge., 3/8″ x 5-1/2″
36	B 103 HW	Rest, Foot, Right
37	.....	Bolt, Mach., 3/8″ x 5″
38	B 184 HW	Ratchet, Reel Tilting Lever
39	B 102 HW	Ratchet, Binder Shifter Lever
40	B 101 HW	Ratchet, Reel Lifting Lever
41	HZ 229 H	Nut, Horned, 7/16″
42	11H 39 R	Pin, Cotter, 1/8″ x 3/4″
43	B 4632 H	Bolt, Mach., 7/16″ x 5-1/4″ less Nut
44	B 6562 HW	Rod, Binder Shifter
45	B 7808 HW	Support, Inner, Upper
46	B 6556 HW	Bearing, Binder Shifter Crank Inner, Lower
47	B 725 HW	Stop, Binder Shifter Crank
48	.....	Bolt, Mach., 5/16″ x 1″ (2 used)
49	B 118 HW	Bearing, Dump Crank, Inner
50	2H 170 R	Bolt, Cge., 5/16″ x 1″, with L.W.



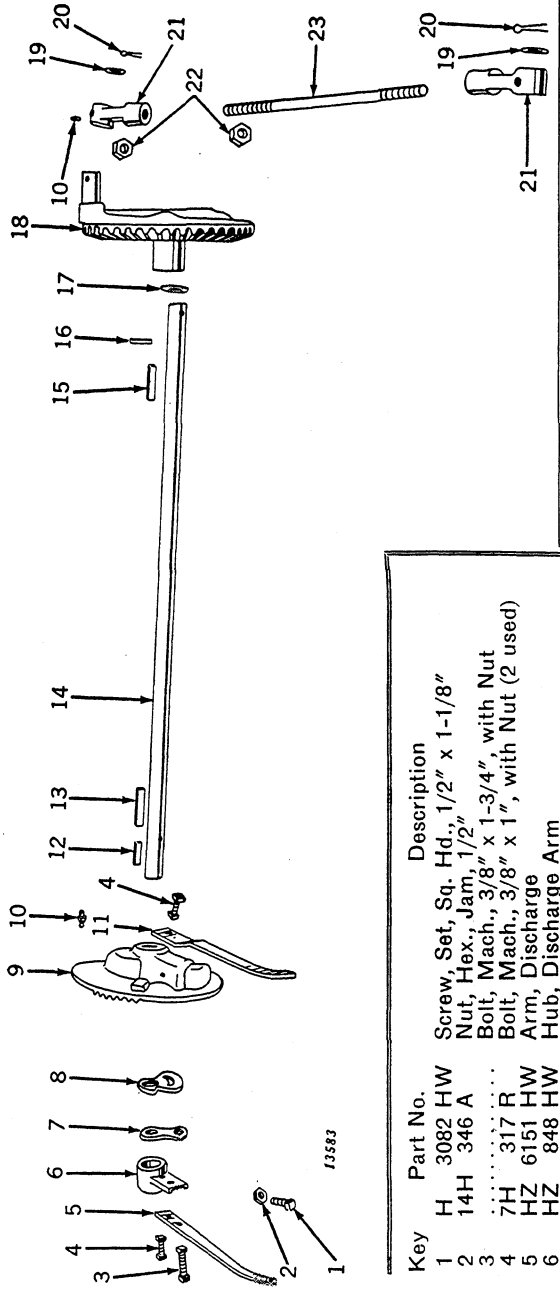
Key	Part No.	Description
1	7H 333 R	Bolt, Mach., 3/8″ x 1-3/4″, with Nut
	12H 11 R	Washer, Lock, 3/8″
2	.....	Bolt, Cge., 3/8″ x 1″, with Nut
	12H 11 R	Washer, Lock, 3/8″
3	B 415 HW	Sector, Tilting Lever
4	.....	Bolt, Cge., 3/8″ x 1-1/8″, with Nut
5	B 618 HW	Socket, Tilting Lever
6	.....	Bolt, Plow, 3/8″ x 1-1/8″
7	B 8176 HW	Lever, Binder Tilting
8	B 8177 HW	Rod, Detent
9	16H 1087 A	Rivet, R.I.O.H., 5/16″ x 5/8″
10	3159 A	Latch, Hand
11	B 6319 HW	Lever, Binder Tilting, Cpt.
12	.....	Bolt, Mach., 1/2″ x 3″, with Nut
	12H 13 R	Washer, Lock, 1/2″
13	B 142 HW	Socket, Lower
14	B 4404 HW	Brace, Adjusting
15	14H 106 A	Nut, Hex., 5/8″
16	HZ 5222 H	Spring, Detent
17	HZ 474 HW	Plunger, Tilting Lever
18	24H 192 A	Washer, Plain, 1/4″ x 9/16″
19	B 160 HW	Socket, Upper
20	7H 893 R	Bolt, Mach., 1/2″ x 3-1/2″, with Nut
	12H 13 R	Washer, Lock, 1/2″
21	AB 2698 HW	Extension, Elevator Post (Special)



Key	Part No.	Description
1	HZ 5220 HW	Spring, Knotter Hook
2	H 2266 HW	Bolt, Mach., 5/16″ x 1-3/4″
3	H 2267 HW	Stud
4	B 1 HW	Cam, Knotter
5	JD 7759	Fitting, Alemite, 1/8″ Straight (5 used)
6	14H 95 A	Nut, Hex., 3/8″
7	24H 161 A	Washer, Plain, 1″ x 7/16″
8	HZ 5159 HW	Spring, Twine Holder
9	19H 211 R	Screw, Cap, Hex. Hd., 3/8″ x 1″
10	HZ 5530 HW	Pin, Straight, 3/16″ x 15/16″ (3 used)
11	HZ 5167 HW	Gear, Worm
12	JD 7760	Fitting, Alemite, 1/8″, 67-1/2°
13	7H 335 R	Bolt, Mach., 3/8″ x 1-1/4″
14	HZ 182 HW	Pinion, Cord Holder
15	AB 1292 HW	Knotter, Complete
	AB 1294 HW	Frame, Knotter (With Stud)
	B 796 HW	Frame, Knotter (Order AB1294HW)
16	B 130 HW	Pinion, Knotter Hook
17	24H 147 H	Washer, Plain, 3/8″ x 11/16″
18	11H 39 R	Pin, Cotter, 1/8″ x 3/4″
19	B 6855 HW	Spindle, Knife Arm
20	HZ 5161 HW	Roller, Knife Arm
21	AH 1170 HW	Arm, Knife, Complete
	B 823 HW	Arm, Knife (Order AH1170HW)
22	B 6219 HW	Clip, Knife Arm
23	12H 11 R	Washer, Lock, 3/8″
24	HZ 5157 HW	Knife, Twine
25	16H 689 A	Rivet, R.I.O.H., 1/4″ x 7/8″
26	16H 250 R	Rivet, R.I.O.H., 3/16″ x 3/8″ (2 used)
27	HZ 5156 HW	Cleaner, Twine Holder Disk
28	HZ 5538 HW	Disk, Twine Holder
29	HZ 5158 HW	Holder, Twine
30	24H 778 H	Washer, Plain, 1″ x 39/64″ (3 used)
31	HZ 185 HW	Hook, Knotter, Complete
32	HZ 5166 HW	Worm, Knotter

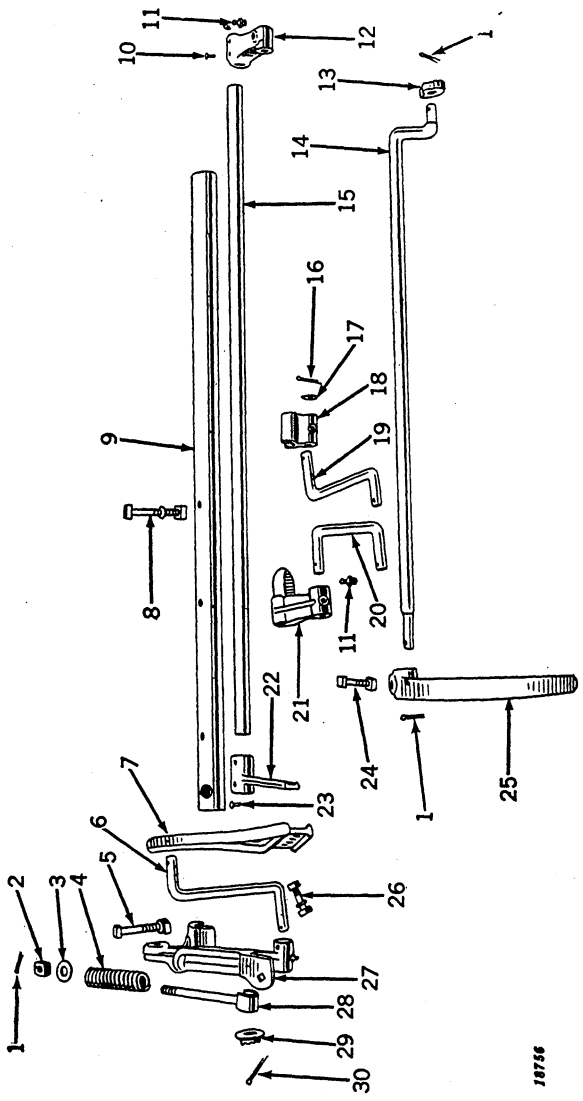


Key	Part No.	Description
1	24H 192 A	Washer, Plain, 1-1/4″ x 9/16″
2	B 1140 HW	Frame, Binder
3	B 253 HW	Lock, Binder
4	22H 92 R	Screw, Set, Cup Point, 3/8″ x 1-3/4″
5	14H 7 B	Nut, Sq., 3/8″
6	B 5996 HW	Spring, Binder Lock
7	HZ 5724 HW	Pin, Binder Lock, 3/16″ x 1-1/4″
8	B 6349 HW	Lock, Binder, Complete
	B 730 HW	Bracket, Binder Lock
9	7H 771 R	Bolt, Mach., Hex. Nut, 1/2″ x 1-3/4″, with L.W.
10	B 5598 HW	Shaft, Diagonal
11	24H 251 A	Washer, Plain, 1-5/8″ x 1-1/32″
12	B 597 HW	Pinion, Cam Gear
13	HZ 6744 H	Key, 1/4″ Sq. x 1-7/8″
14	JD 7759	Fitting, Alemite, 1/8″ Straight (2 used)
15	AB 3053 HW	Crank, Compressor Bell with Stud and Roller
	B 1044 HW	Crank, Compressor Bell (Order AB3053HW)
16	HZ 5120 HW	Roller, Bell Crank
17	B 6934 HW	Stud
18	B 459 HW	Case, Trip Spring
19	H 160 HW	Nut, Guide
20	H 1163 HW	Spring, Trip, 20 Coils, 1″ x 6-3/16″
21	B 5571 HW	Rod, Trip, Spring
22	11H 80 R	Pin, Cotter, 3/16″ x 1″
23	B 5845 HW	Case, Spring, Complete
24	11H 40 H	Pin, Cotter, 1/8″ x 7/8″
25	B 1130 HW	Pinion, Bevel, Lower
26	HZ 5877 H	Key, 1/4″ Sq. x 1-1/2″
27	JD 7760	Fitting, Alemite, 1/8″, 67-1/2° (3 used)



Key	Part No.	Description
1	H 3082 HW	Screw, Set, Sq. Hd., 1/2" x 1-1/8"
2	14H 346 A	Nut, Hex., Jam, 1/2"
3	7H 317 R	Bolt, Mach., 3/8" x 1-3/4", with Nut
4	HZ 6151 HW	Bolt, Mach., 3/8" x 1", with Nut (2 used)
5	HZ 848 HW	Arm, Discharge
6	HZ 686 HW	Hub, Discharge Arm
7	HZ 685 HW	Collar, Adjusting, Front
8	HZ 1033 HW	Collar, Adjusting, Rear
9	B 7759	Wheel, Tyer
10	JD 5881 HW	Fitting, Grease, Straight, 1/8" (3 used)
11	HZ 6719 HW	Arm, Discharge
12	HZ 5886 H	Key, 5/16" x 3/8" x 1-1/2"
13	HZ 6147 HW	Key, 5/16" x 3/8" x 2-1/4"
14	HZ 5887 HW	Shaft, Knotter
15	HZ 5939 HW	Key, 5/16" x 3/8" x 2-1/2"
16	HZ	Pin, 1/4" x 1-5/8"

Key	Part No.	Description
17	24H 116 H	Washer, Plain, 1-5/32" x 2"
18	B 1034 HW	Gear, Cam
19	24H 274 H	Washer, Plain, 1-5/32" x 1-1/2" (2 used)
20	11H 113 R	Pin, Cotter, 1/4" x 1-1/2"
21	B 1147 HW	Head, Needle Pitman (2 used)
22	14H 106 A	Nut, Hex., 5/8" (4 used)
23	B 7850 HW	Pitman, Needle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Key	Part No.	Description
1	11H 39 R	Pin, Cotter, 1/8″ x 3/4″ (3 used)
2	14H 10 B	Nut, Sq., 7/16″
3	24H 161 A	Washer, Plain, 7/16″ x 1″ x 16 Ga.
4	HZ 5870 HW	Spring, Compressor
5	B 7456 HW	Bolt, Mach., 7/16″ x 3″, with Nut
6	B 4379 HW	Link, Rear
7	B 612 HW	Hook, Compressor
8	8H 384 B	Bolt, Mach., 7/16″ x 2-1/2″, with Nut (3 used)
	12H 12 R	Washer, Lock, 7/16″
9	HZ 6718 HW	Pipe, Support
10	HZ 5446 H	Pin, Straight, 1/4″ x 1-3/4″ (2 used)
11	JD 7759	Fitting, Grease, Straight, 1/8″
12	B 787 HW	Crank, Compressor Spring
13	B 706 HW	Adjuster Binder Trip
14	B 6070 HW	Shaft, Trip
15	HZ 6157 HW	Shaft, Compressor
16	11H 79 H	Pin, Cotter, 3/16″ x 7/8″ (6 used)
17	24H 796 H	Washer, Plain, 17/32″ x 1-5/16″
18	B 805 HW	Support, Link, Front
19	B 6713 HW	Link, Front
20	B 4342 HW	Link, Middle
21	B 776 HW	Support, Link, Middle
22	B 705 HW	Arm, Trip Hook
23	HZ 5939 HW	Pin, Straight, 1/4″ x 1-5/8″ (2 used)
24	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut
	12H 11 R	Washer, Lock, 3/8″
25	B 619 HW	Finger, Binder, Trip
26	.....	Bolt, Mach., 3/8″ x 1-3/4″, with Nut (2 used)
	12H 11 R	Washer, Lock, 3/8″
27	B 775 HW	Support, Link, Rear
28	HZ 5829 HW	Rod, Compressor Spring
29	HZ 856 HW	Washer, Notched, Compressor Shaft
30	11H 82 R	Pin, Cotter, 3/16″ x 1-1/4″

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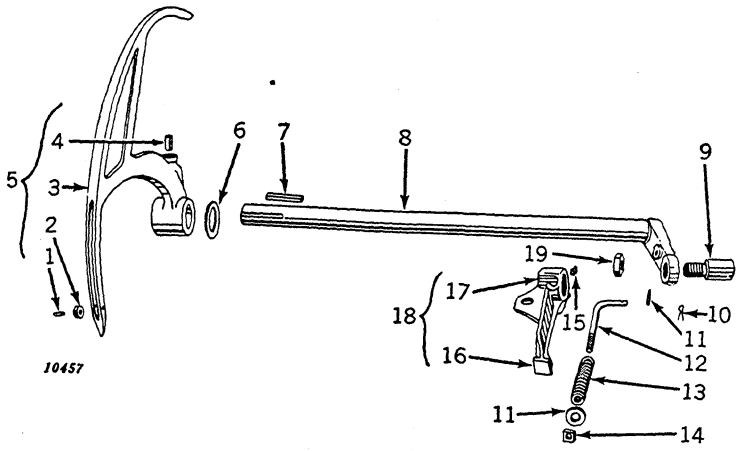
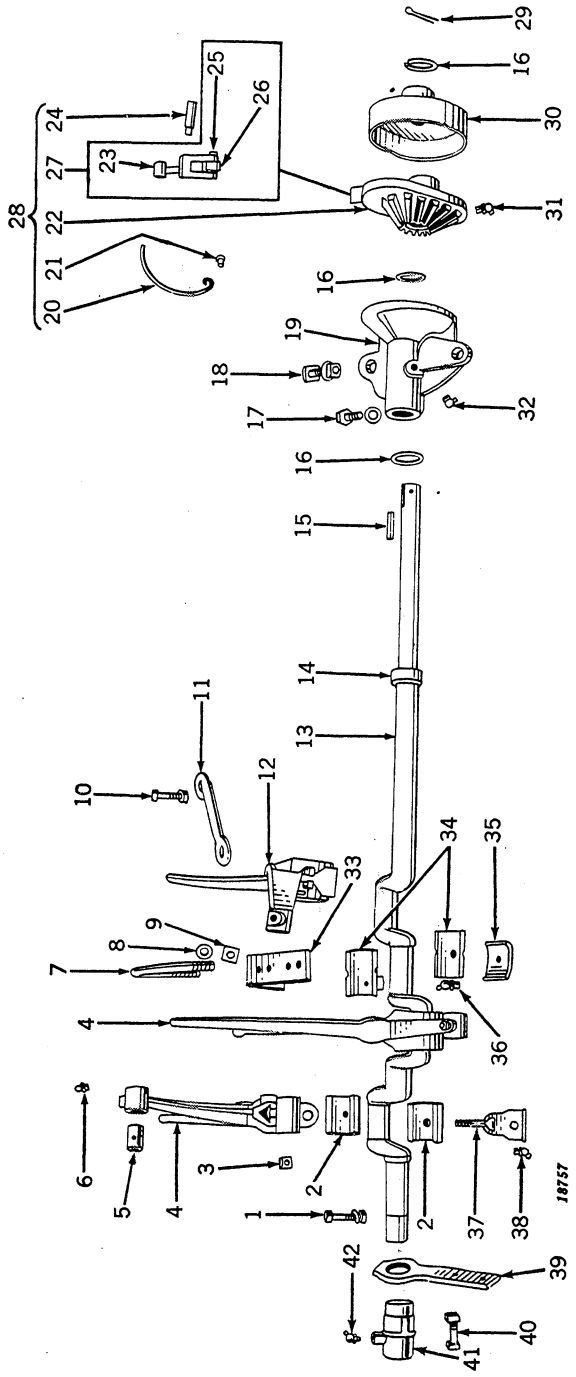


Key	Part No.	Description
1	H 1155 HW	Pin, Straight, 1/4″ x 3/4″
2	HZ 5164 HW	Roller, Needle
3	B 532 HW	Needle (Order AB732HW)
4	HZ 5282 HW	Pin, Wearing, 3/8″ x 1-1/8″
5	AB 732 HW	Needle, Complete
6	24H 313 H	Washer, Plain, 1-11/32″ x 2-1/8″
7	HZ 5886 H	Key, 5/16″ x 3/8″ x 2-1/4″
8	B 7834 HW	Shaft, Needle
9	B 7835 HW	Stud, Needle Shaft
10	11H 38 R	Pin, Cotter, 1/8″ x 5/8″
11	24H 161 A	Washer, Plain, 7/16″ x 1″ (2 used)
12	HZ 5541 HW	Bolt, Hook
13	HZ 6185 H	Spring, Trip Stop
14	14H 7 B	Nut, Sq., 3/8″ (2 used)
15	JD 7759	Fitting, Grease, Straight, 1/8″
16	B 797 HW	Stop, Trip (Order AB1312HW)
17	B 277 HW	Cap, Trip Stop
18	AB 1312 HW	Stop, Trip, Complete with Cap
19	14H 485 A	Nut, Hex., 7/8″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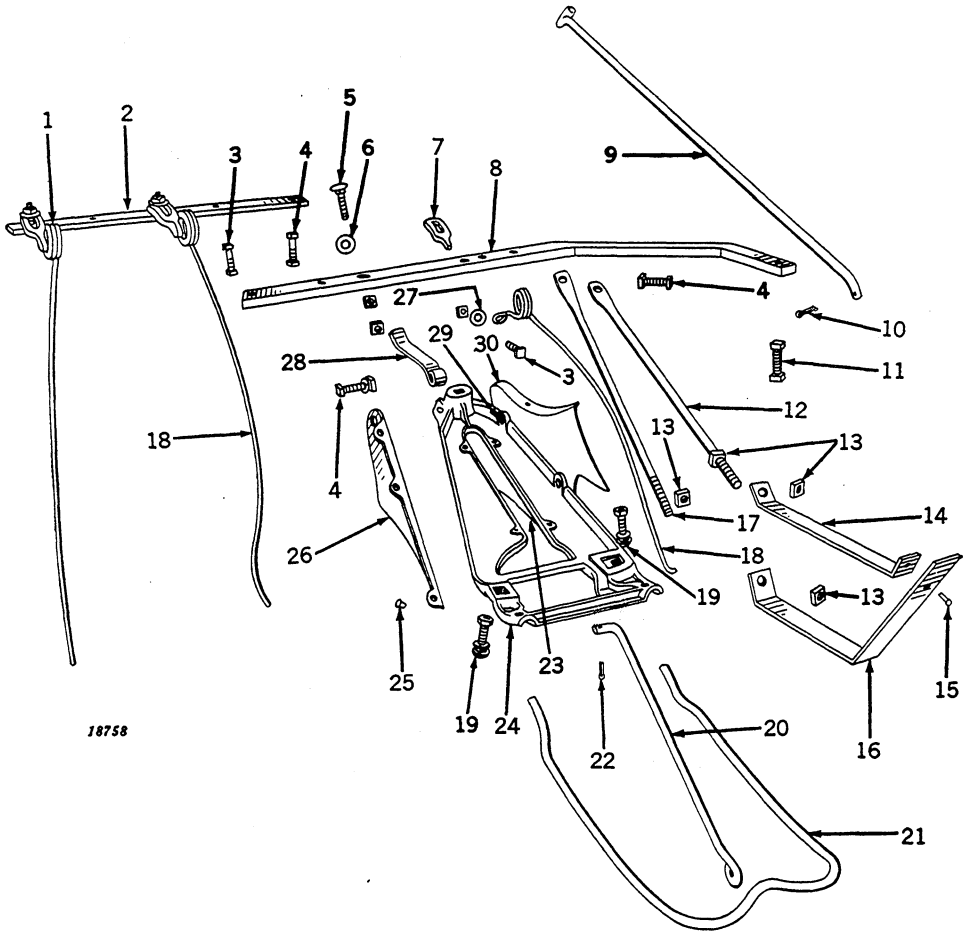
Key	Part No.	Description
1	.....	Bolt, Mach., 3/8″ x 1-3/4″, with Nut
	12H 11 R	Washer, Lock, 3/8″
2	B 8784 HW	Bushing, Wood (6 used)
3	14H 7 B	Nut, Sq., 3/8″
4	AB 3109 HW	Packer, Middle and Rear, Cpt.
	B 1057 HW	Packer, Middle and Rear (Order AB3109HW)
5	B 4251 HW	Bushing, Removable
6	JD 7759	Fitting, Grease, Straight, 1/8″
7	B 7818 HW	U-Bolt, 7/16″
8	12H 12 R	Washer, Lock, 7/16″ (2 used)
9	14H 10 B	Nut, Sq., 7/16″ (2 used)
10	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut (3 used)
11	B 7817 HW	Brace, Front, Packer
12	AB 3110 HW	Packer, Front, Cpt.
	B 1059 HW	Packer, Front (Order AB3110HW)
13	B 6003 HW	Shaft, Packer
14	HZ 5528 HW	Collar, Thrust
15	B 6050 HW	Key, 1/4″ x 1-3/8″
16	24H 251 A	Washer, Plain, 1-1/32″ x 1-5/8″
17	19H 448 R	Screw, Cap, with L.W.
18	7H 769 R	Bolt, Mach., 1/2″ x 1-3/4″, with Nut (2 used)
	12H 13 R	Washer, Lock, 1/2″
19	B 1036 HW	Box, Crankshaft, Front
20	B 6316 HW	Spring, Trip Dog
21	16H 648 A	Rivet, R.I.O.H., 1/4″ x 1/2″

Key	Part No.	Description
22	B 1049 HW	Pinion, Trip Dog
23	B 610 HW	Dog, Trip (Order AB951HW)
24	HZ 5285 HW	Pin, 7/16″ x 2″
25	HZ 5450 HW	Stud, Roller
26	HZ 5162 HW	Roller, Trip Dog
27	AB 951 HW	Dog, Trip, Cpt.
28	AB 3097 HW	Pinion, Trip Dog, Cpt.
29	11H 111 B	Pin, Cotter, 1/4″ x 1-1/4″
30	B 1035 HW	Clutch, Binder Drive
31	JD 7797	Fitting, Grease, Straight, 1/4″
32	JD 7760	Fitting, Grease, 67-1/2°, 1/8″
33	B 7814 HW	Support, Packer Crank, Front
34	B 789 HW	Box, Crankshaft, Middle, Cpt.
35	HZ 571 HW	Socket, Middle
36	JD 7778	Fitting, Grease, 30°, 1/8″ (2 used)
37	B 7821 HW	Bolt, Clamp (Order AB3774W)
	AB 3774 W	Bolt, Clamp, with Nuts
38	JD 7773	Fitting, Grease, 45°, 1/4″ (3 used)
39	B 5597 HW	Support, Crank, Rear
40	.....	Bolt, Mach., 7/16″ x 1-1/2″, with Nut (2 used)
	12H 12 R	Washer, Lock, 7/16″
41	B 457 HW	Box, Crank, Rear
42	JD 7778	Fitting, Grease, 30°, 1/8″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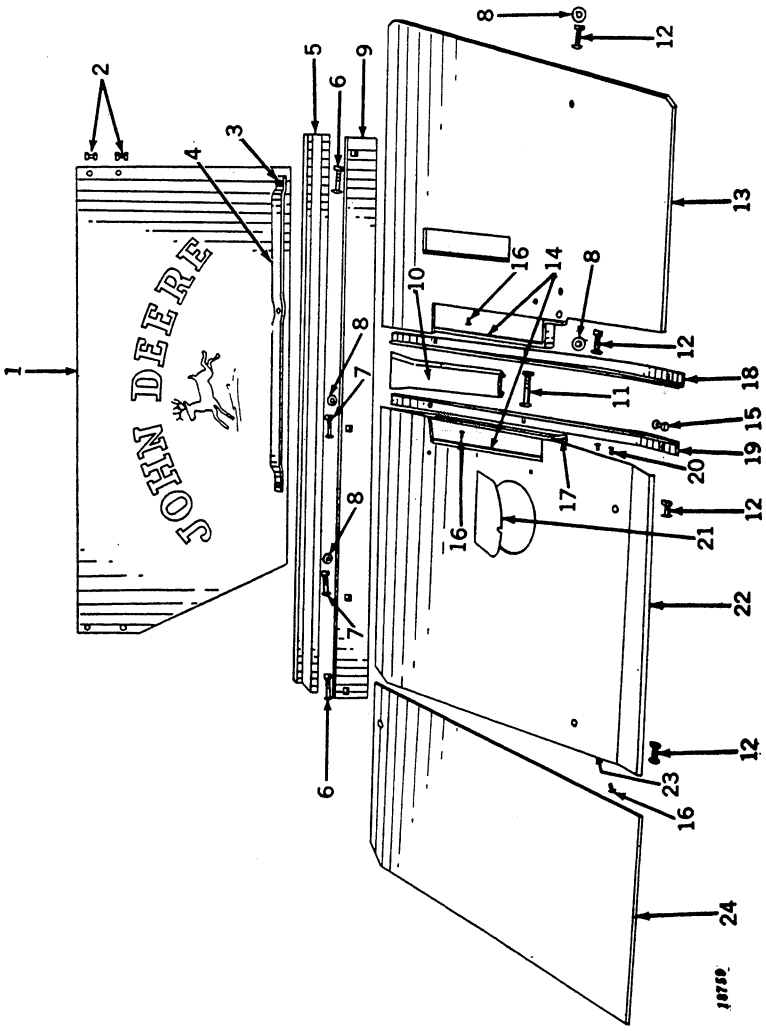
Key	Part No.	Description
1	B 4266 HW	Spring, Check, Rear
2	B 4254 HW	Extension, Support Bar
3	.....	Bolt, Mach., 5/16″ x 1-1/4″ (4 used)
4	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″ (2 used)
5	.....	Bolt, Cge., 3/8″ x 1-3/4″
6	24H 161 A	Washer, Plain, 1″ x 7/16″
7	HZ 669 HW	Clip, Check Spring (3 used)
8	B 6340 HW	Support, Breastplate
9	B 5719 HW	Rod, Radius, Binder Frame
10	11H 80 R	Pin, Cotter, 3/16″ x 1″
11	.....	Bolt, Mach., 7/16″ x 1-1/2″
12	B 4236 HW	Brace, Upper
13	14H 10 B	Nut, Sq., 3/4″ (4 used)
14	B 5099 HW	Support, Discharge Arm Stripper
15	16H 656 H	Rivet, R.I.O.H., 1/4″ x 9/16″
16	B 5100 HW	Stripper, Discharge Arm
17	B 4237 HW	Brace, Lower
18	B 4812 HW	Spring, Check, Middle, Front (2 used)
19	.....	Bolt, Cge., 3/8″ x 1-3/8″, with L.W.
20	HZ 6149 HW	Support, Stripper
21	B 4401 HW	Stripper, Breastplate
22	11H 38 R	Pin, Cotter, 1/8″ x 5/8″
23	B 106 HW	Flange, Front
24	B 104 HW	Breastplate
	AB 190 HW	Breastplate, Complete with Shield and Flanges
25	16H 671 H	Rivet, R.I.O.H., 1/4″ x 11/16″ (6 used)
26	B 105 HW	Flange, Rear
27	24H 149 H	Washer, Plain, 3/8″ x 7/8″
28	B 6336 HW	Extension, Breastplate
29	16H 641 H	Rivet, R.I.O.H., 1/4″ x 7/16″ (2 used)
30	B 7839 HW	Shield, Knife Arm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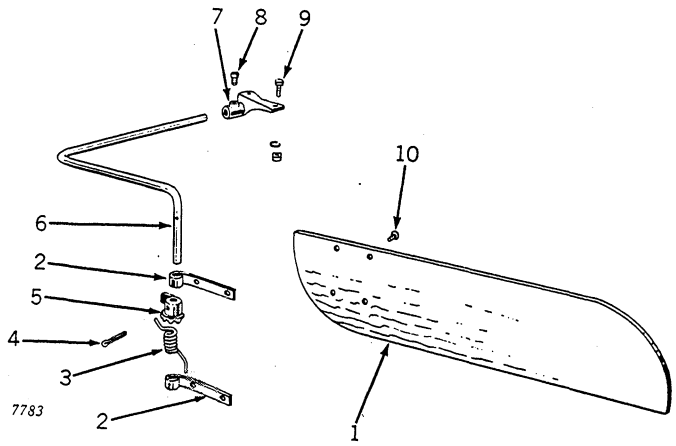
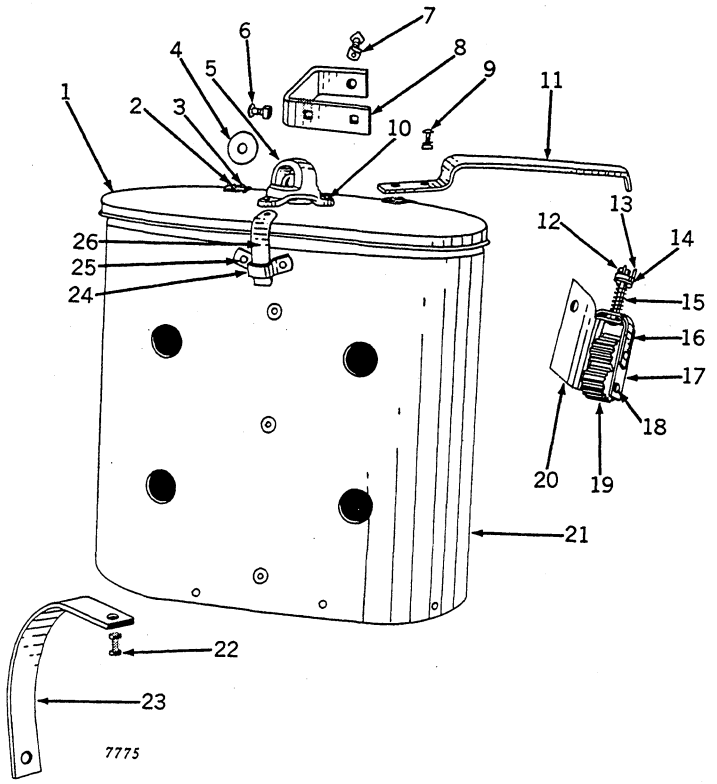
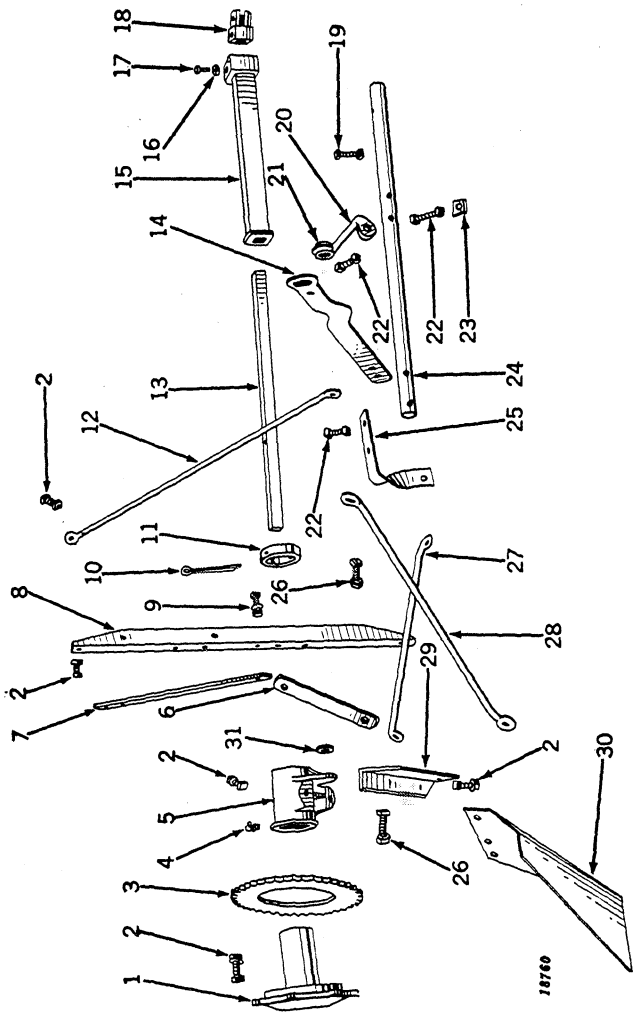
Key	Part No.	Description
1	AB 3193 HW	Deflector, Grain, Complete
2	.....	Bolt, Mach., 5/16″ x 3/4″, with Nut (2 used)
3	16H 255 H	Rivet, R.I.O.H., 3/16″ x 7/16″ (3 used)
4	B 4276 HW	Slide, Breastplate
5	B 8602 HW	Bar, Grooved
6	.....	Bolt, Cge., 5/16″ x 2″, with Nut (2 used)
7	.....	Bolt, Cge., 5/16″ x 1-3/4″, with Nut (2 used)
8	24H 149 H	Washer, Plain, 3/8″ x 7/8″ (4 used)
9	B 4258 HW	Plate, Grooved Bar
10	B 90 HW	Connection, Deck
11	.....	Bolt, Cge., with Hex. Nut, 5/16″ x 2-1/2″, with L.W.
12	.....	Bolt, Cge., 5/16″ x 1-3/8″, with Nut (4 used)
13	B 6693 HW	Deck, Front, Complete
14	B 6152 HW	Stiffener, Deck (Angle) (2 used)
15	2H 159 A	Bolt, Cge., with 1/8″ Short Nk., 5/16″ x 3/4″ (6 used)
16	16H 250 R	Rivet, R.I.O.H., 3/16″ x 3/8″ (12 used)
17	B 6166 HW	Stiffener, Rear Deck
18	B 5994 HW	Angle, Front
19	B 5995 HW	Angle, Rear
20	16H 260 R	Rivet, R.I.O.H., 3/16″ x 1/2″ (2 used)
21	HZ 5823 HW	Cover, Hand Pole
22	B 6335 HW	Deck, Binder, Rear, Complete
23	B 6333 HW	Guide, Twine (On Deck)
24	B 7448 HW	Extension, Deck



Key	Part No.	Description
1	B 8605 HW	Windboard, Complete
2	HZ 6251 HW	Hinge (2 used)
3	HZ 6195 HW	Spring
4	11H 82 R	Pin, Cotter, 3/16″ x 1-1/4″
5	HZ 682 HW	Collar
6	B 4282 HW	Support
7	B 541 HW	Bracket
8	22H 105 B	Screw, Set, Cup Point, 7/16″ x 1/2″
9	.....	Bolt, Mach., 5/16″ x 1″, with Nut (2 used)
10	16H 662 H	Rivet, W.B. Hd., 1/4″ x 5/8″ (4 used)



Key	Part No.	Description
1	B 6332 HW	Lid
2	16H 239 H	Rivet, R.I.O.H., 3/16″ x 1/4″
3	AHZ 159 HW	Hinge (2 used)
4	24H 166 H	Washer, Plain, 1-1/2″ x 7/16″ (2 used)
5	B 680 HW	Tension, Twine Can
6	2H 154 R	Bolt, Cge., 5/16″ x 3/4″ (2 used)
7	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″
8	B 6578 HW	Support, Upper
9	13H 193 R	Bolt, Stove, 1/4″ x 5/8″, with L.W.
10	16H 255 H	Rivet, R.I.O.H., 3/16″ x 7/16″ (3 used)
11	B 6639 HW	Guide, Twine
12	11H 38 R	Pin, Cotter, 1/8″ x 5/8″
13	B 6263 H	Bolt, Twine Tension Spring (With B251H Nut)
14	B 251 HW	Nut, Horned, 5/16″
15	H 1748 H	Spring, 9 Coils (1/2″ x 1-3/4″)
16	B 4805 HW	Yoke
17	B 4260 HW	Twine Tension, Complete
18	H 1745 HW	Pin, 3/8″ x 1-7/8″
19	HZ 240 HW	Roller, Twine Tension (2 used)
20	B 6305 HW	Frame, Twine Tension
21	B 6107 HW	Twine Can, Complete
22	.....	Bolt, Cge., 3/8″ x 1-1/2″
23	B 8111 HW	Support, Lower (2 used)
24	HZ 5374 HW	Latch, Female
25	16H 239 H	Rivet, R.I.O.H., 3/16″ x 1/4″ (4 used)
26	HZ 5373 HW	Latch, Male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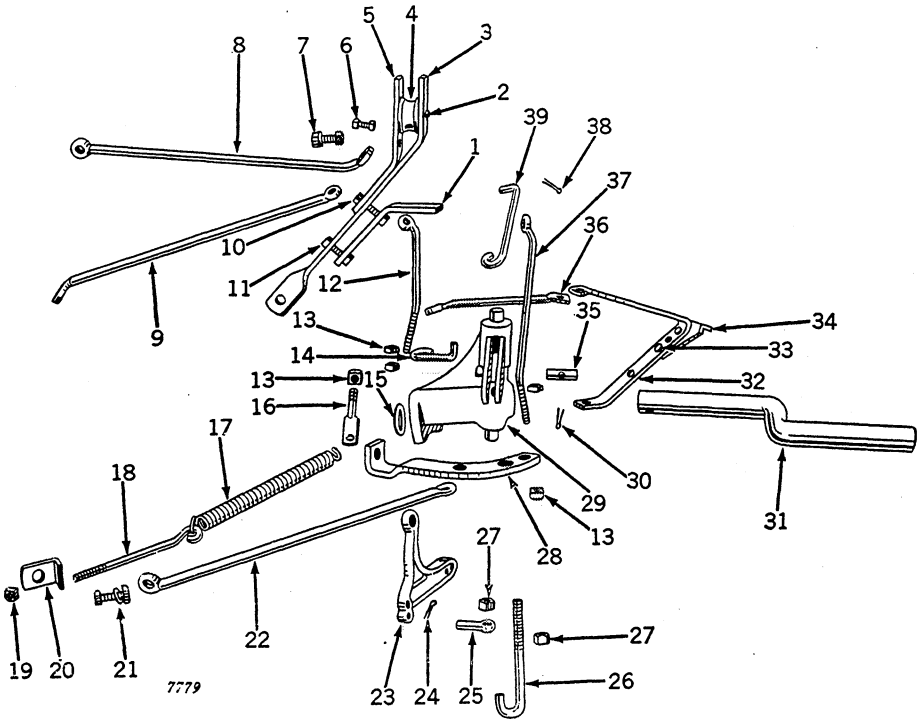
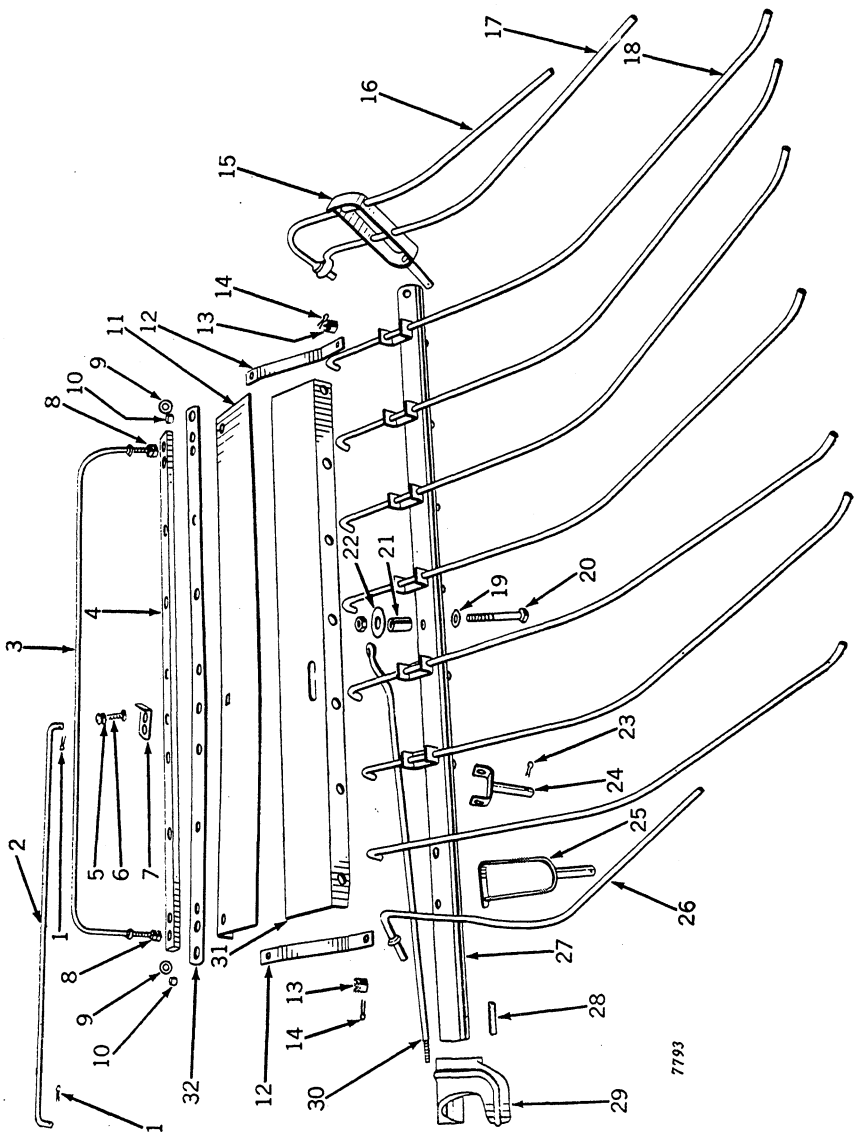
Key	Part No.	Description
1	B 1142 HW	Hub, Sprocket
2	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with L.W. (9 used)
3	B 1003 HW	Sprocket, Driven (44 Teeth)
	B 7884 HW	Sprocket, Driven (40 Teeth) (Special to Speed up Binder Attachment)
4	JD 7777	Fitting, Alemite, 1/8″, 105°
5	B 483 HW	Bearing
6	B 6627 HW	Brace, Rear Sill to Rear Elevator Post
7	B 7776 HW	Connection, Rear Lower Elevator
8	B 8108 HW	Angle, Support, Rear Elevator
9	.....	Bolt, Mach., 7/16″ x 1-1/2″, with L.W.
10	.....	Pin, Cotter, 5/16″ x 3-1/2″
11	B 486 HW	Collar, Hub
12	B 8117 HW	Brace, Upper Rear Binder Rest
13	B 8143 HW	Shaft, Binder Drive
14	B 8109 HW	Rest, Binder (Rear)
15	B 988 HW	Sleeve, Binder Drive
16	14H 95 A	Nut, Hex., 3/8″
17	19H 211 R	Screw, Cap, Hex. Hd., 3/8″ x 1″
18	B 987 HW	Connection, Binder Drive Sleeve
19	.....	Bolt, Mach., 3/8″ x 1-1/2″
20	B 6061 HW	Guide, Twine
21	H 362 HW	Eye, Twine
22	.....	Bolt, Mach., 3/8″ x 1-3/4″ (3 used)
23	B 4255 HW	Stop, Binder
24	B 8149 HW	Extension, Binder Support Pipe
25	B 6507 HW	Support, Rear Deck
26	.....	Bolt, Mach., 7/16″ x 1-3/4″, with L.W. (2 used)
27	B 8133 HW	Brace, Bearing Support
28	B 8116 HW	Brace, Rear Binder Rest
29	B 8107 HW	Support, Bearing
30	B 8118 HW	Shield, Chain
31	24H 177 H	Washer, Plain, 1/2″ x 1″ (3 used)

134 BUNDLE CARRIER DUMP CRANK AND FRONT BINDER REST



Key	Part No.	Description
1	B 5398 HW	Support, Swivel Casting, Upper
2	16H 1395 A	Rivet, R.I.O.H., 3/8″ x 2-1/4″
3	B 5396 HW	Rest, Binder, Front
4	HZ 84 HW	Roller
5	B 4501 HW	Bracket, Front Binder Rest
6	7H 317 R	Bolt, Mach., 3/8″ x 1″
7	7H 739 R	Bolt, Mach., 1/2″ x 1-1/2″, with L.W.
8	B 6624 HW	Brace
9	B 5718 HW	Brace
10	.....	Bolt, Mach., 7/16″ x 2-1/2″, with L.W.
11	.....	Bolt, Mach., 3/8″ x 1-3/4″
12	B 6772 HW	Brace, Support, Rear
13	14H 10 B	Nut, Sq., 7/16″ (3 used)
14	B 4667 HW	Latch, Bundle Carrier
15	24H 739 W	Washer, Plain, 1-3/8″ x 2″
16	B 4471 HW	Connection, Return Spring
17	B 4314 HW	Spring, Return
18	B 5734 HW	Rod, Connection
19	14H 7 B	Nut, Sq., 3/8″ (2 used)
20	B 5732 HW	Bracket, Return Spring Rod
21	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″
22	B 5716 HW	Brace
23	B 734 HW	Crank, Raising
24	11H 79 H	Pin, Cotter, 3/16″ x 7/8″
25	B 7396 HW	Nut, Adjusting
26	B 4842 HW	Link, Connection
27	14H 102 A	Nut, Hex., 1/2″ (2 used)
28	B 6289 HW	Support, Lower
29	B 192 HW	Casting, Swivel
30	11H 82 R	Pin, Cotter, 3/16″ x 1-1/4″
31	B 4641 HW	Crank
32	B 4844 HW	Bracket, Outer
33	16H 1087 A	Rivet, R.I.O.H., 5/16″ x 5/8″
34	B 6506 HW	Stop, Dump Crank
35	B 4513 HW	Pin, 5/8″ x 2″
36	B 4477 HW	Brace
37	B 5648 HW	Rod, Support, Lower
38	11H 78 R	Pin, Cotter, 3/16″ x 3/4″
39	B 6597 HW	Link, Connecting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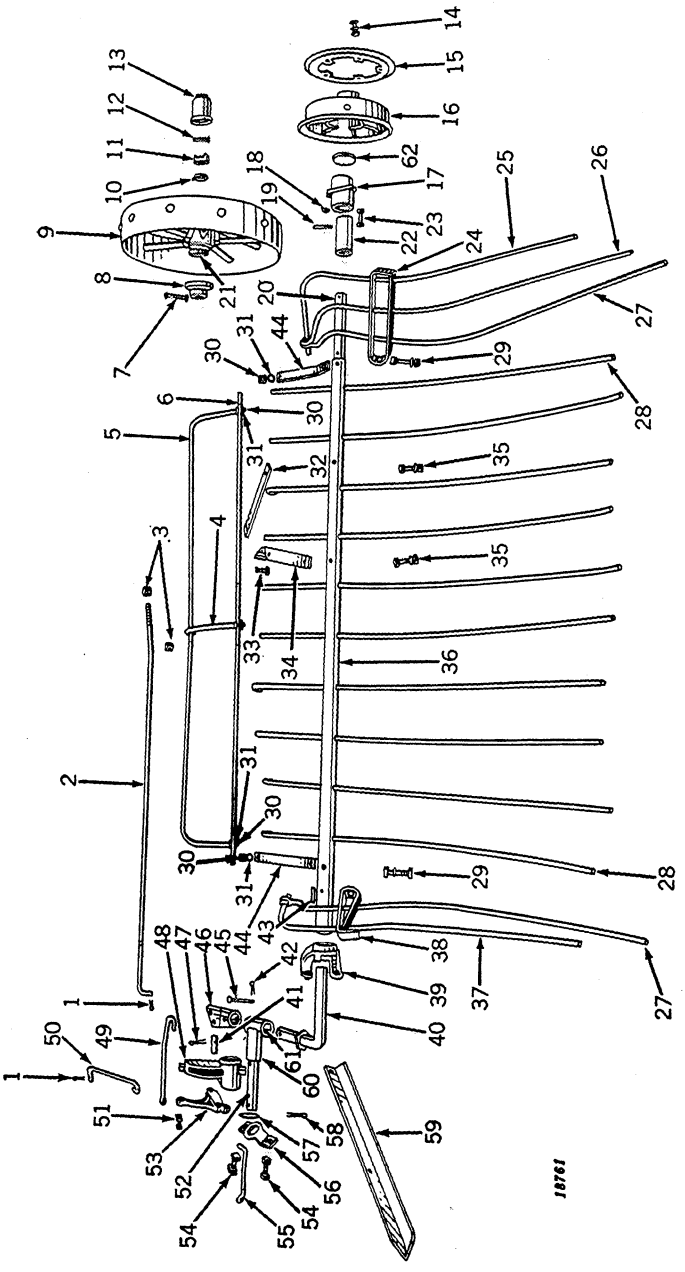
Key	Part No.	Description
1	11H 38 R	Pin, Cotter, 1/8″ x 5/8″ (2 used)
2	B 4469 HW	Link, Parallel
3	B 5633 HW	Rail, Guard, Front
4	B 8757 HW	Bar, Tooth
5	28H 171 H	Trunnion, Middle
6	.....	Bolt, Cge., 3/8″ x 1-3/4″
7	B 4341 HW	Connection, Parallel Link
8	14H 7 B	Nut, Sq., 3/8″
9	24H 43 R	Washer, Plain, 1″ x 7/16″ (4 used)
10	28H 178 H	Spacer (2 used)
11	B 5636 HW	Shield, Front
12	B 4340 HW	Support, Tooth Tie Strap (2 used)
13	HZ 229 H	Nut, Horned, 7/16″ (2 used)
14	11H 39 R	Pin, Cotter, 1/8″ x 3/4″ (2 used)
15	B 4334 HW	Holder, Side, Tooth, Outer
16	B 4457 HW	Tooth, Side, Upper, Outer
17	B 4445 HW	Tooth, Side, Lower, Outer
18	B 4483 HW	Tooth (7 used)
19	24H 161 A	Washer, Plain, 1-3/4″ x 7/16″
20	2H 422 T	Bolt, Cge., 3/8″ x 4″
21	28H 194 W	Spacer
22	24H 715 H	Washer, Plain, 1-3/4″ x 13/32″ Sq. Hole
23	11H 78 R	Pin, Cotter, 3/16″ x 3/4″ (7 used)
24	B 4337 HW	Holder, Tooth (7 used)
25	B 4329 HW	Holder, Tooth, Inner
26	B 4418 HW	Tooth, Side, Inner
27	B 5632 HW	Pipe
28	Z 5048 H	Key, 1/4″ x 1/4″ x 1-3/4″
29	B 524 HW	Stop, Pipe
30	B 5569 HW	Rod, Truss
31	B 5635 HW	Shield, Tooth, Rear
32	B 5634 HW	Strap, Tooth Tie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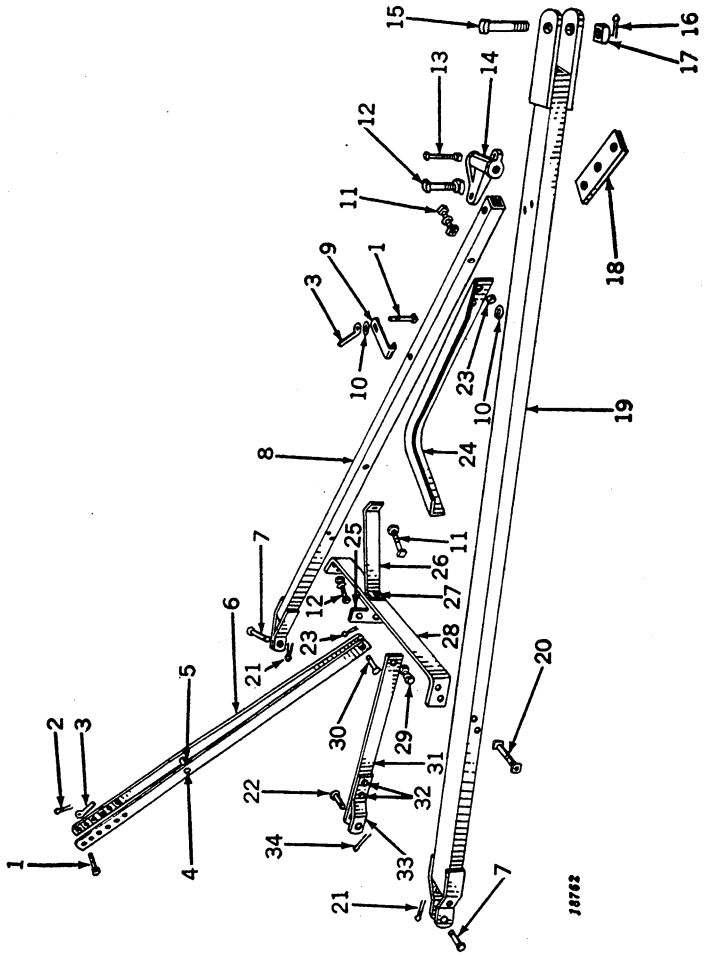
Key	Part No.	Description
1	11H 39 R	Pin, Cotter, 1/8″ x 3/4″ (2 used)
2	B 6669 HW	Rod, Truss, Outer
3	14H 7 B	Nut, Sq., 3/8″ (2 used)
4	B 6676 HW	Brace
5	B 6675 HW	Rail, Guard, Front
6	B 6672 HW	Strap, Tie
7	7H 231 H	Bolt, Mach., 5/16″ x 2-1/2″, with Hex. Nut
8	B 739 HW	Collar, Axle, Inner
9	JD 980 W	Wheel with Box, Cap
10	JD 2105 D	Nut, Wheel Box
11	H 251 A	Collar, Axle, Outer
12	RV 699 A	Rivet for H251A
13	JD 2502 W	Cap, Grease
14	2H 482 H	Bolt, Cge., 7/16″ x 1-1/4″, with Hex. Nut
15	Z 916 H	Flange, Wheel
16	Z 972 H	Wheel, Pneumatic
17	Z 949 H	Bearing, Wheel
18	JD 7778	Fitting, Grease, 30°, 1/8″
19	H 1326 HW	Pin, 5/16″ x 1-7/8″
20	B 6674 HW	Axle, Outer Wheel
21	JD 2728 W	Box, Removable
22	B 1148 HW	Bearing, Axle
23	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut
24	B 6681 HW	Holder, Side Tooth, Outer
25	B 6684 HW	Tooth, Side, Upper Outer
26	B 6683 HW	Tooth, Side, Middle Outer
27	B 6678 HW	Tooth, Side, Lower, Inner and Outer
28	B 6680 HW	Tooth (10 used)
29	.....	Bolt, Mach., 7/16″ x 3″, with Nut (2 used)
30	14H 10 B	Nut, Sq., 7/16″ (5 used)
31	12H 12 R	Washer, Lock, 7/16″ (5 used)
32	B 6671 HW	Brace, Truss Rod (2 used)
33	.....	Bolt, Mach., 7/16″ x 1-1/2″, with Nut
34	B 6670 HW	Connection, Truss Rod
35	7H 412 D	Bolt, Mach., 3/8″ x 2-1/2″, with Nut (2 used)
36	B 6673 HW	Pipe, Tooth
37	B 6679 HW	Tooth, Side, Inner Upper
38	B 6677 HW	Holder, Side Tooth, Inner
39	B 154 HW	Stop, Pipe
40	B 6664 HW	Crank, with Collar
41	B 4513 HW	Pin, 5/8″ x 2″
42	11H 38 R	Pin, Cotter, 1/8″ x 5/8″
43	Z 5048 H	Key, 1/4″ Sq. x 1-3/4″
44	B 4340 HW	Support, Tooth Tie Strap (2 used)
45	J 4319 H	Rivet, R.I.O.H., 5/16″ x 2″
46	B 6667 HW	Extension, Dump Crank
47	11H 82 R	Pin, Cotter, 3/16″ x 1-1/4″
48	B 809 HW	Swivel
49	B 6668 HW	Rod, Truss, Inner
50	B 6597 HW	Link, Connection
51	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut
52	B 6663 HW	Shaft, Dump
53	B 734 HW	Crank, Raising
54	.....	Bolt, Mach., 1/2″ x 2-1/4″, with Nut (2 used)
55	B 6666 HW	Brace
56	B 6665 HW	Support, Crank, Inner
57	24H 298 H	Washer, Plain, 1-9/32″ x 2-1/8″
58	11H 117 R	Pin, Cotter, 1/4″ x 2″ (2 used)
59	B 6686 HW	Brace
60	H 1326 HW	Pin, Straight, 5/16″ x 1-7/8″ (2 used)
61	B 738 HW	Bracket
62	B 4346 HW	Washer, Thrust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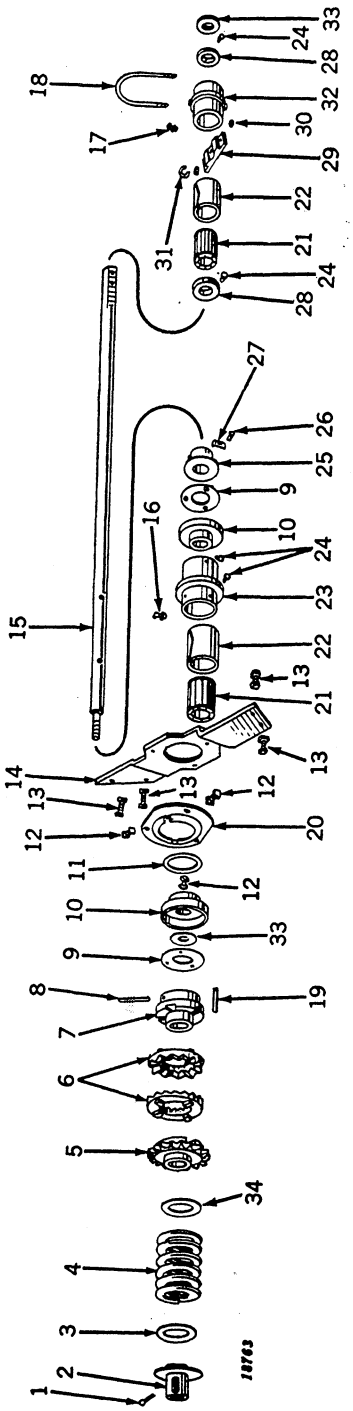
Key	Part No.	Description
1	HZ 5597 H	Bolt, Mach., Drilled, 7/16″ x 2-1/2″ (2 used)
	HZ 7145 H	Bolt, Mach., Cpt., with Cotter Pin and Tail Nut
2	11H 39 R	Pin, Cotter, 1/8″ x 3/4″
3	Z 5409 H	Nut, Tail (2 used)
4	16H 1395 A	Rivet, R.I.O.H., 3/8″ x 2-1/4″
5	28H 194 W	Trunnion, Spacer, 3/8″ x 1-5/16″
6	B 8139 HW	Strap, Tilting Connection (2 used)
	AB 3529 HW	Strap, Tilting Connection, Cpt.
7	HZ 7112 HW	Pin, 5/8″ x 2-1/2″ (2 used)
8	AB 3467 HW	Tube, L. H.
9	B 7904 HW	Latch
10	24H 178 A	Washer, Plain, 1/2″ x 1-1/8″
11	8H 389 E	Bolt, Mach., 7/16″ x 2-1/2″, with Nut (4 used)
	12H 12 R	Washer, Lock, 7/16″
12	.....	Bolt, Mach., 5/8″ x 3″, with Nut
	12H 15 R	Washer, Lock, 5/8″
13	7H 648 H	Bolt, Mach., 7/16″ x 3″, with Hex. Nut (2 used)
14	B 1141 HW	Bracket, Pivot
15	Z 6375 H	Bolt, Mach., 3/4″ x 3-1/2″
16	11H 82 R	Pin, Cotter, 3/16″ x 1-1/4″
17	14H 19 B	Nut, Sq., 3/4″
18	B 8131 HW	Connection, Tube, R.H. and L.H.
19	AB 3466 HW	Tube, R.H.
20	.....	Bolt, Mach., 7/16″ x 4″, with Nut (2 used)
	12H 12 R	Washer, Lock, 7/16″
21	11H 109 B	Pin, Cotter, 1/4″ x 1″ (2 used)
22	HZ 6382 HW	Pin, 5/8″ x 1-7/8″
23	28H 171 H	Trunnion, 3/8″ x 1/4″
24	B 7896 HW	Standard
25	B 8130 HW	Bracket
26	B 8129 HW	Brace, Cross Tie
27	16H 1579 A	Rivet, R.I.O.H., 7/16″ x 1-1/2″
28	B 8128 HW	Bar, Cross
29	7H 728 R	Bolt, Mach., 1/2″ x 1-1/4″, with Nut
	12H 13 R	Washer, Lock, 1/2″
30	HZ 6828 H	Pin, Drilled, 7/16″ x 1-3/4″
31	B 8126 HW	Connection, Middle
32	16H 333 H	Rivet, R.I.O.H., 3/8″ x 1″ (2 used)
33	B 8127 HW	Strap, Connection
34	11H 80 R	Pin, Cotter, 3/16″ x 1″ (2 used)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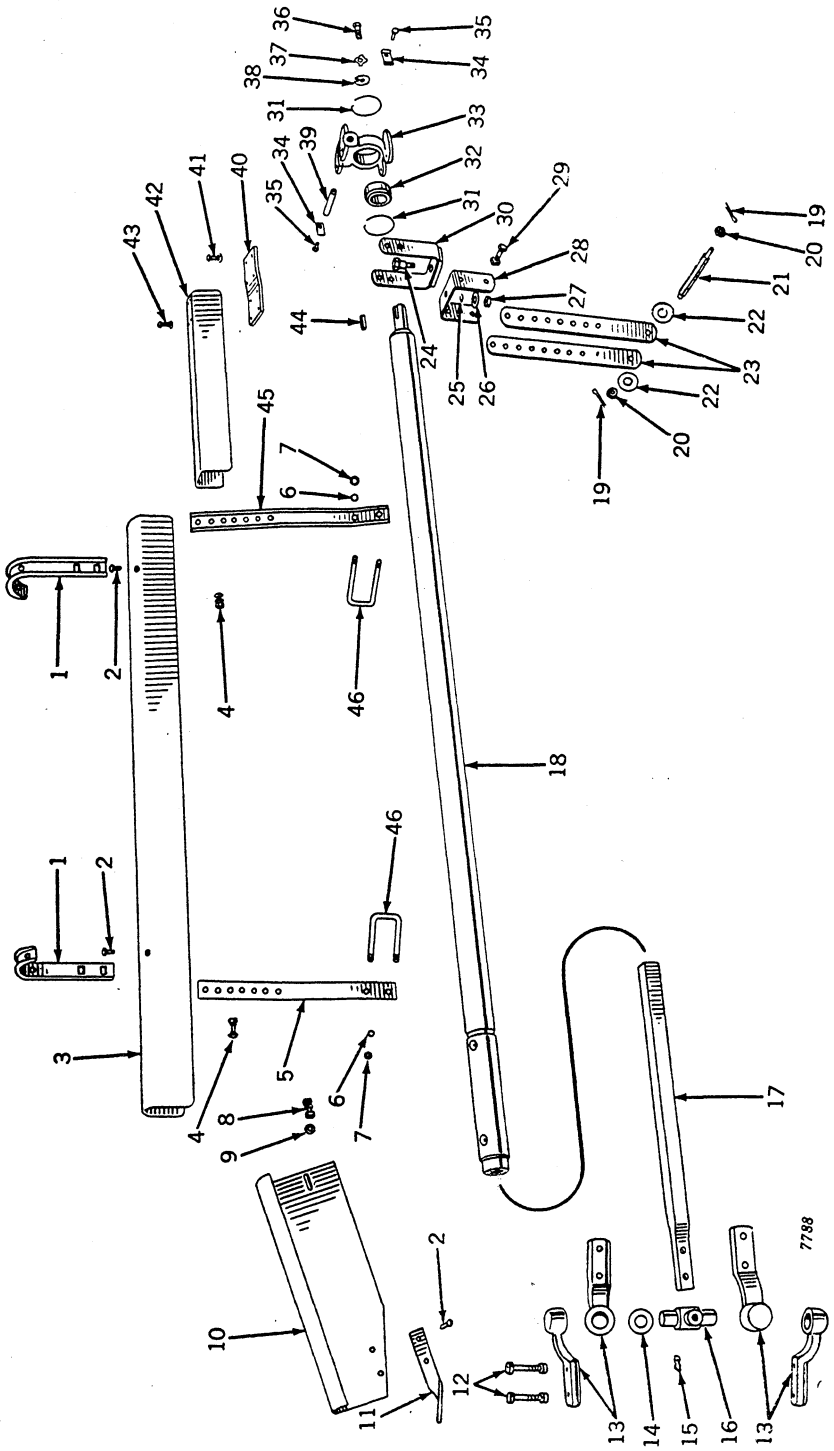
Key	Part No.	Description
1	11H 111 B	Pin, Cotter, 1/4″ x 1-1/4″
2	J 688 HW	Nut, Adjusting
3	J 6664 HW	Washer, 1-7/8″ x 2-7/8″ (2 used)
4	B 5039 H	Spring
5	B 5984 HW	Sprocket, Pitman Drive (18 Teeth)
6	B 636 HW	Clutch, Slip (2 used)
7	B 592 HW	Collar, Thrust
8	B 7525 HN	Pin, 5/16″ x 3″
9	J 4328 H	Bearing, Thrust (2 used)
10	B 472 HW	End, Box (2 used)
11	.....	Washer, 2-11/32″ x 2-7/8″ (2 used)
12	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut (3 used)
13	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with Nut (4 used)
14	B 8106 HW	Support, Power Shaft
15	B 8134 HW	Shaft, Power
16	JD 7760	Fitting, Alemite, 67-1/2°, 1/8″
17	JD 7777	Fitting, Alemite, 105°, 1/8″
18	B 5423 HW	U-Bolt
19	B 4835 H	Key, 5/16″ x 2″
20	B 5479 H	Retainer, Box
21	JD 7512 H	Bearing (2 used)
22	JD 7462 H	Sleeve, Outer (2 used)
23	B 471 HW	Box, Bearing, Rear
24	19H 18 H	Screw, Cap, 1/4″ x 3/4″ (4 used)
25	B 1062 HW	Collar, Thrust
26	22H 75 H	Screw, Set, Dog Point, 3/8″ x 3/4″
27	B 6423 H	Clip, Lock
28	B 478 H	End, Bearing Box (2 used)
29	B 455 HW	Spacer
30	14H 95 A	Nut, Hex., 3/8″ (2 used)
31	12H 11 R	Washer, Lock, 3/8″ (2 used)
32	B 454 HW	Box, Bearing, Front
33	B 8742 H	Washer, Felt, 1/4″ x 1-5/8″ with 1-1/16″ Hole (2 used)
34	B 5977 H	Washer, 2″ x 2-7/8″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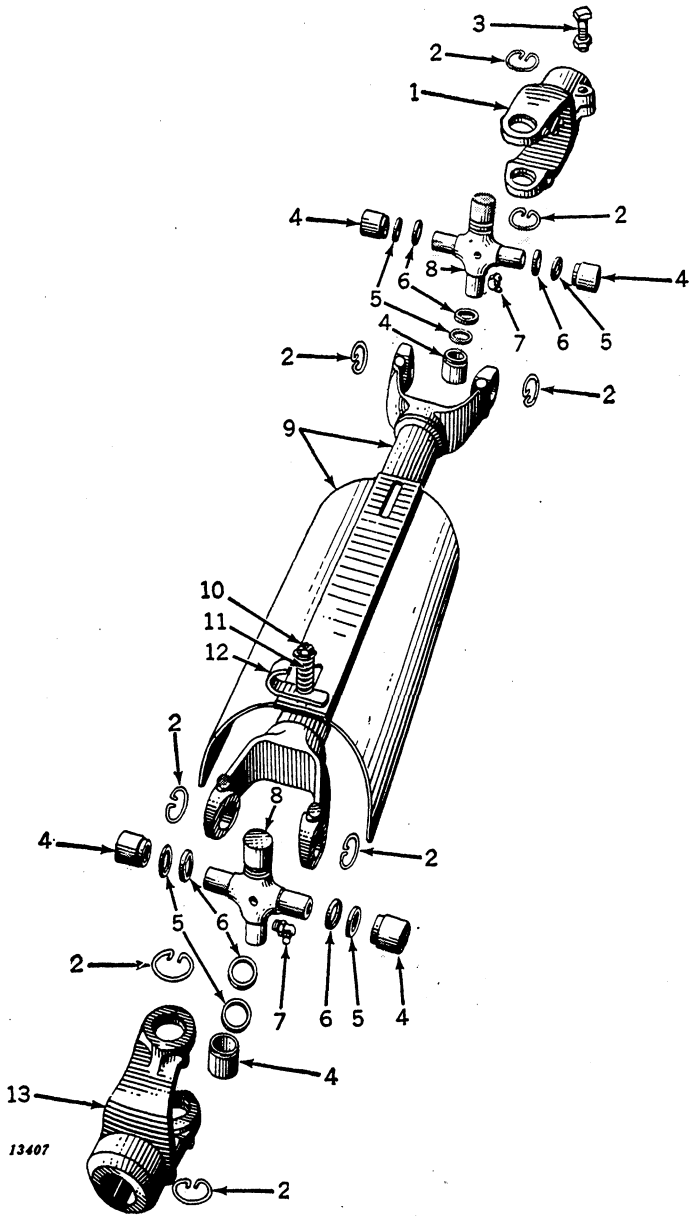
Key	Part No.	Description
1	P 30136 H	Bracket, Shield (2 used)
2	16H 641 H	Rivet, R.I.O.H., 1/4″ x 7/16″ (8 used)
3	B 8135 HW	Shield, Rear Power Shaft
4	2H 306 R	Bolt, Cge., Hex. Nut, 3/8″ x 1″, with Nut (4 used)
5	B 8137 HW	Support, Rear
6	12H 11 R	Washer, Lock, 3/8″ (4 used)
7	14H 95 A	Nut, Hex., 3/8″ (4 used)
8	7H 301 R	Bolt, Mach., 3/8″ x 3/4″, with Nut
9	24H 149 H	Washer, Plain, 3/8″ x 7/8″ (2 used)
10	AB 3048 HW	Shield, Universal Joint (With Support)
11	B 7798 HW	Support, Shield
12	8H 384 B	Bolt, Mach., 7/16″ x 2-1/4″, with Nut (4 used)
13	B 319 H	Joint, Universal (4 used)
14	B 5329 H	Washer, Leather (4 used)
15	JD 7760	Fitting, Grease, 67-1/2°, 1/8″
16	B 318 H	Connection
17	B 8132 HW	Shaft, Square Telescoping (22″ Long)
18	AP 12585 H	Shaft, Telescoping
19	11H 41 R	Pin, Cotter, 1/8″ x 1″ (2 used)
20	14H 521 M	Nut, Slotted, 1/2″ (2 used)
21	P 38941 H	Shaft, Pivot
22	24H 478 A	Washer, Plain, 9/16″ x 1-1/2″ (2 used)
23	P 32734 H	Strap, Support
24	P 32840 H	Bolt, Pivot
25	12H 12 R	Washer, Lock, 7/16″
26	24H 92 D	Washer, Plain, 9/16″ x 1-1/4″
27	.....	Nut, Hex., 7/16″
28	P 32733 H	Bracket, Lower
29	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with Nut (4 used)
30	AP 13741 H	Bracket, Upper
31	P 26097 H	Ring, Snap (2 used)
32	JD 7160 H	Bearing, New Departure
33	P 2992 H	Box, Bearing
34	P 32175 H	Plate, Lock
35	19H 105 R	Screw, Cap, Hex. Head, 5/16″ x 3/4″
36	19H 326 H	Screw, Cap, 7/16″ x 1″
37	J 17071 H	Washer, Lock
38	P 32938 H	Washer, 15/32″ x 1-1/2″
39	P 27247 H	Shaft, Pivot
40	P 32829 H	Bracket, Shield
41	.....	Bolt, Mach., 5/16″ x 1-1/2″, with Nut (3 used)
42	P 30133 H	Shield
43	.....	Bolt, Mach., 5/16″ x 3/4″, with Nut
44	P 29928 H	Key, 3/8″ x 5/16″ x 1-1/8″
45	B 8136 HW	Support, Front
46	B 8138 HW	U-Bolt (2 used)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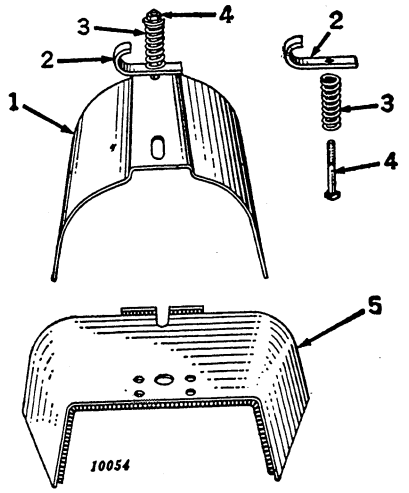
Key	Part No.	Description
1	P 43056 H	End, Universal Joint, 1-1/8″ Spline
	P 43057 H	End, Universal Joint, 1-3/8″ Spline
	P 43058 H	End, Universal Joint, 1-3/4″ Spline
2	P 43059 H	Ring, Lock (8 used)
3	7H 814 R	Bolt, Mach., 1/2″ x 2-1/4″, with Hex. Nut
4	P 31571 H	Bushing (8 used)
5	P 31574 H	Washer, Grease (8 used)
6	P 31573 H	Retainer, Grease Washer (8 used)
7	JD 7760	Fitting, Grease, 67-1/2°, 1/8″
8	P 31572 H	Connection, Universal Joint (2 used)
9	AP 19866 H	Shaft, Tubular, with Shield
10	7H 453 H	Bolt, 3/8″ x 2-1/4″, with Hex. Nut (2 used)
11	E 2666 H	Spring (2 used)
12	P 41412 H	Clip, Latch (2 used)
13	P 43055 H	Joint, Universal, Keyed

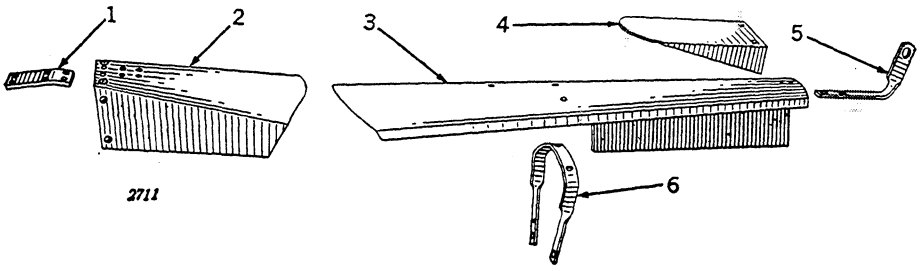
SHIELDS OVER TUBULAR SHAFT



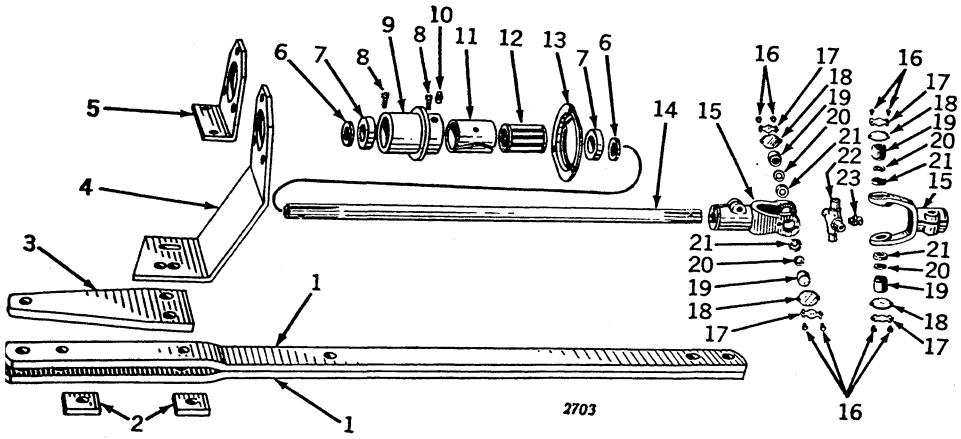
Key	Part No.	Description
1	AP 12018 H	Shield, with Plate, Cpt.
2	P 41412 H	Latch, Shield (2 used)
3	E 2666 H	Spring (2 used)
4	7H 453 H	Bolt, 3/8″ x 3-1/4″, with Hex. Nut (2 used)
5	AZ 3251 H	Shield, Cpt.

SHIELDS OVER POWER SHAFT EXTENSION (USED WITH JOHN DEERE G.P. STD. AND G.P. WIDE TREAD TRACTORS)

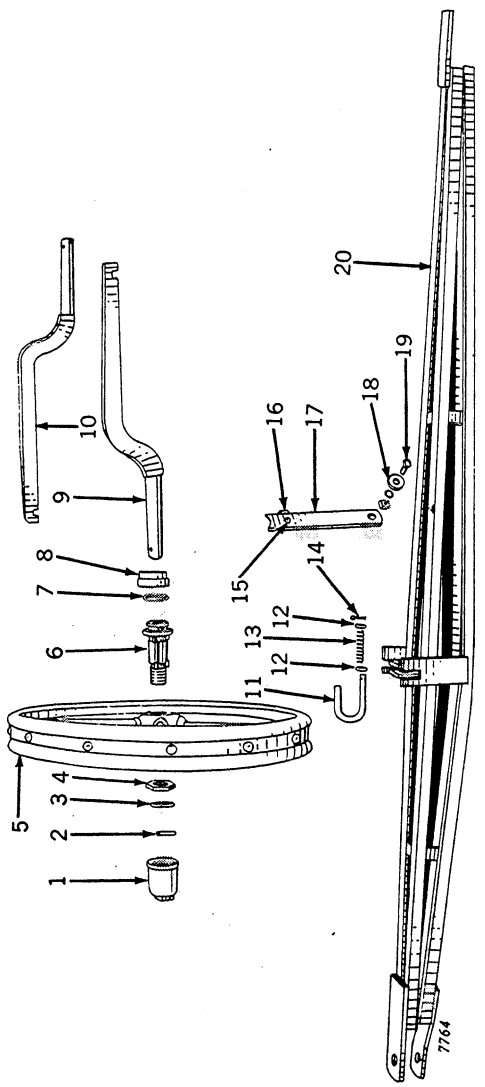
Tractor Binders Built 1944 and After are Equipped with Standard Power Line and Hitch and do not Require Special Tractor Hook-Up Equipment Except for the John Deere G. P. Std. and G. P. Wide Tread Tractors



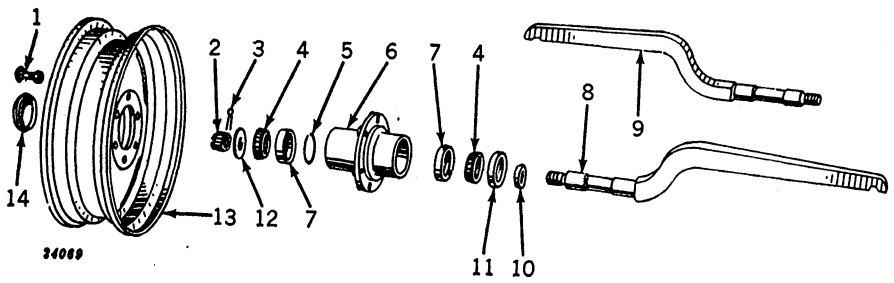
Key	Part No.	Description
1	P 27805 H	Plate, Adjusting, for Shield
2	AP 10906 H	Shield over Front End of Power Shaft
3	P 29747 H	Shield on Tractor (G. P. Wide Tread only)
4	P 24676 H	Shield on Tractor (G. P. Standard only)
5	P 24682 H	Support, Front (G. P. Wide Tread only)
6	P 24651 H	Support, Rear (G. P. Wide Tread only)



Key	Part No.	Description
1	P 24673 H	Drawbar, Extension (2 used, Standard only)
2	P 24681 H	Plate, Tractor Drawbar (2 used, Standard only)
3	P 24679 H	Drawbar, Extension (Wide Tread only)
4	P 24680 H	Bracket, Support, Bearing Box (Wide Tread only)
5	P 24678 H	Bracket, Support, Bearing Box (Standard only)
6	B 8742 H	Washer, Felt (2 used)
7	B 478 H	End, Bearing Box (2 used)
8	B 5641 H	Screw, Cap, Box End, 1/4″ x 3/4″ (2 used)
9	B 471 HW	Box, Bearing
10	JD 7759	Fitting, Grease, Straight, 1/8″
11	JD 7462 H	Sleeve, Outer
12	JD 7512 H	Bearing, Roller
13	B 5479 H	Retainer, Bearing Box
14	P 28118 H	Extension, Take-Off Shaft, 36″ Long (Standard only)
	P 28119 H	Extension, Take-Off Shaft, 31-3/8″ Long (Wide Tread only)
15	P 31577 H	Joint, Universal, 1-1/8″ Spline (2 used)
16	P 31569 H	Screw, Cap, Cover Plate (8 used)
17	P 31568 H	Plate, Lock, Cap, Screw (4 used)
18	P 31570 H	Plate, Cover (4 used)
19	P 31571 H	Bushing, Connection (4 used)
20	P 31574 H	Washer, Grease, Cork (4 used)
21	P 31573 H	Retainer, Grease Washer (4 used)
22	P 31572 H	Connection
23	JD 7760	Fitting, Grease, 67-1/2°, 1/8″

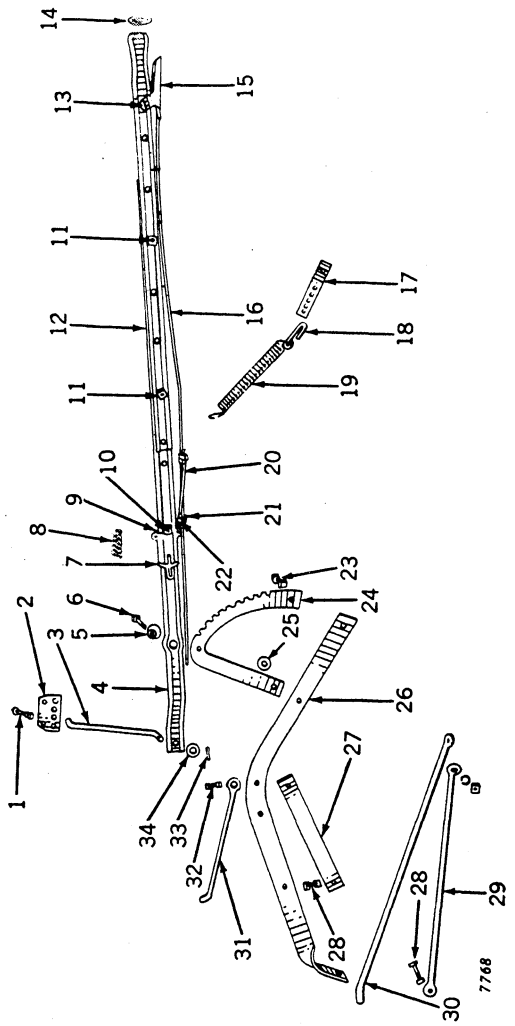


Key	Part No.	Description
1	JD 2502 W	Cap, Transport Wheel
2	K 5388 H	Pin, 5/16″ x 1-3/4″
3	24H 295 A	Washer, Plain, 2-1/8″ x 1-9/32″
4	JD 2105 D	Nut
5	JD 973 W	Wheel (With Bushing JD2701W)
6	JD 2701 W	Bushing
7	24H 298 H	Washer, Plain, 2-1/8″ x 1-9/32″
8	HZ 128 HW	Collar, Front
	B 123 HW	Collar, Rear
9	B 6048 HW	Axle, Front
10	B 6049 HW	Axle, Rear
11	B 6466 HW	Pin, Lock
12	24H 149 H	Washer, Plain, 3/8″ x 7/8″ (2 used)
13	HZ 5621 H	Spring
14	11H 39 R	Pin, Cotter, 1/8″ x 3/4″
15	.....	Rivet, 1/4″ x 7/16″
16	B 6742 HW	Hook, Standard
17	B 6741 HW	Standard, Grain Wheel
18	HZ 622 HW	Trunnion
19	8H 214 T	Bolt, Mach., 3/8″ x 1-1/4″, with L.W.
20	AB 3448 HW	Pole, Transport, Complete



Key	Part No.	Description
1	.....	Bolt, Cge., 1/2″ x 1-1/2″ Cut Thread (6 used)
	S 1349 M	Nut, Hub, 1/2″ (6 used)
2	.....	Nut, Castellated, 1″
3	11H 45 R	Pin, Cotter, 1/8″ x 1-1/2″
4	JD 7243 T	Bearing (2 used)
5	S 8326 H	Ring, Snap (4 used)
6	B 1151 W	Hub
7	JD 7409 H	Cup (2 used)

Key	Part No.	Description
8	B 7124 HW	Axle, Front
9	B 7125 HW	Axle, Rear
10	P 20242 HW	Collar
11	S 8337 H	Seal, Grease
12	P 3603 H	Washer, 2-1/2″ x 1-1/16″
13	JD 1751 W	Wheel
14	B 8191 W	Cap, Hub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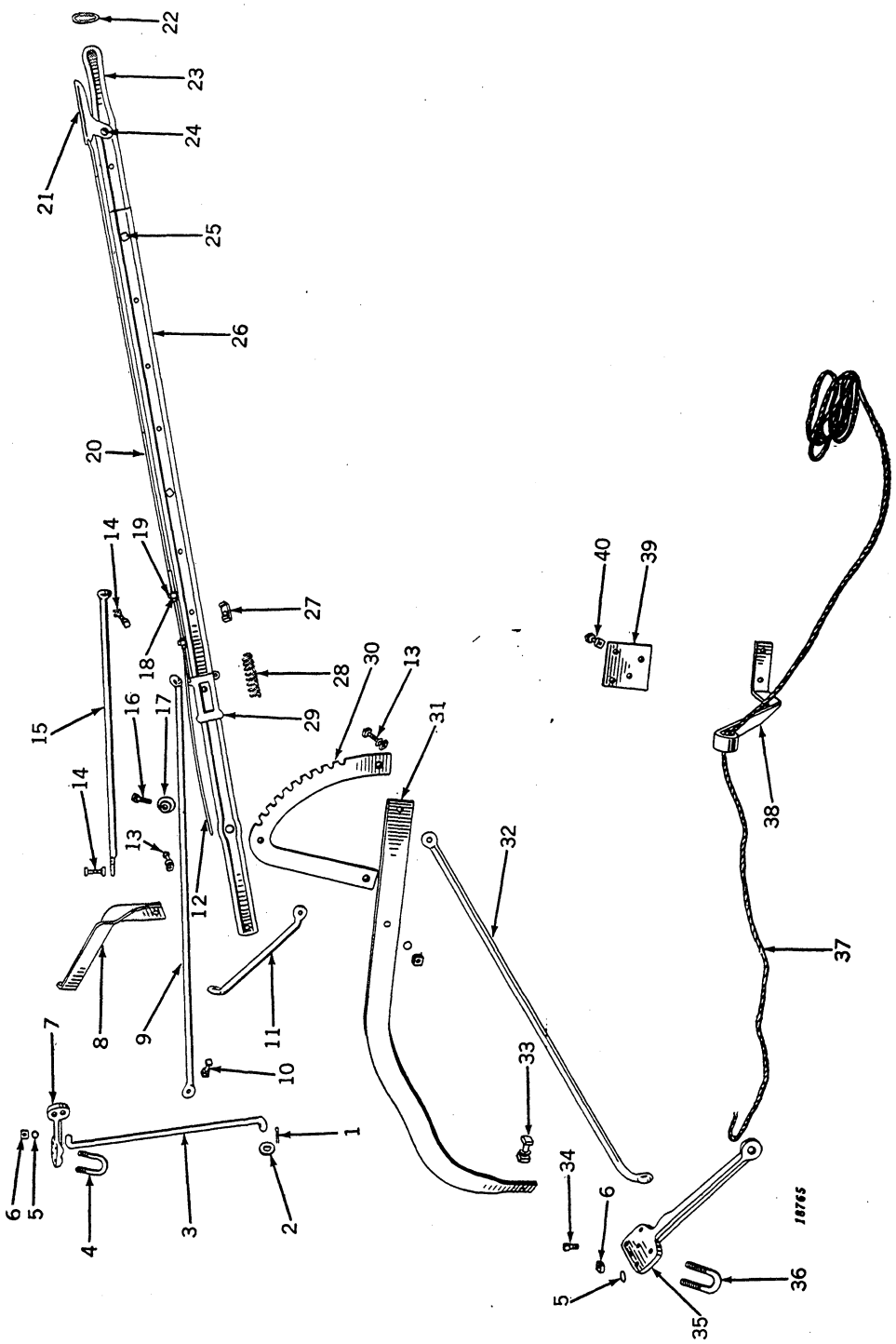
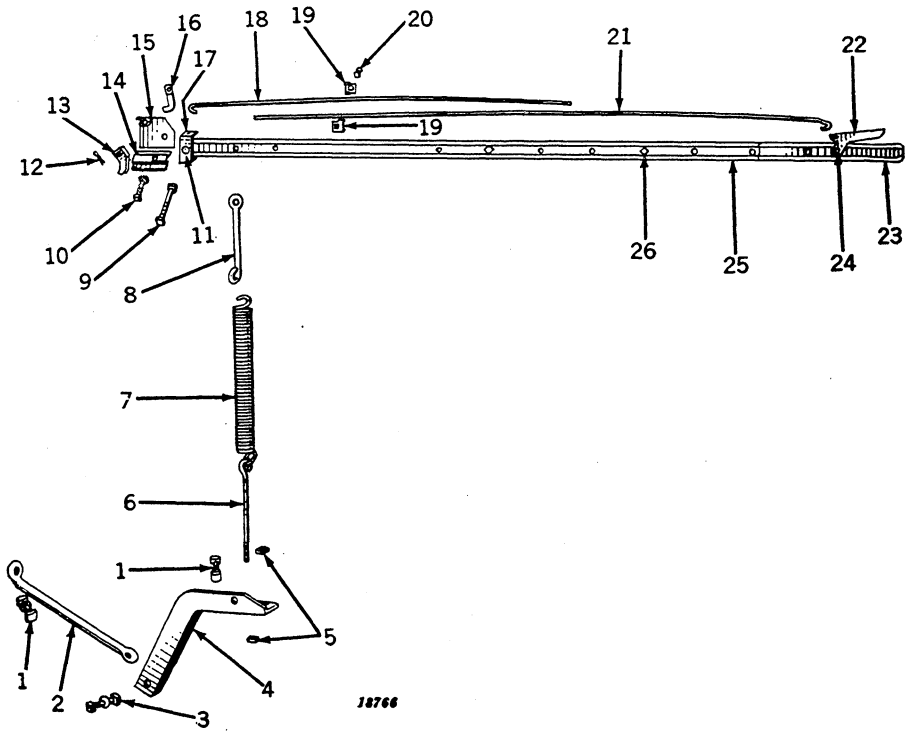
Key	Part No.	Description
1	2H 349 C	Bolt, Cge., Short Neck, 3/8″ x 2-3/4″ (2 used)
2	B 6062 HW	Plate, Adjusting
3	B 6657 HW	Link, Connection
4	AB 3456 HW	Lever, Reel Lifting
5	B 538 HW	Trunnion
6	.....	Bolt, Mach., 7/16″ x 3″, with L.W.
7	B 487 HW	Detent
8	HZ 5198 H	Spring, Detent
9	Z 5952 H	Stop, Spring
10	16H 1075 A	Rivet, R.I.O.H., 5/16″ x 1/2″
11	.....	Bolt, Mach., 7/16″ x 1-1/2″, with L.W.
12	B 8099 HW	Extension, Lever
13	16H 1087 A	Rivet, R.I.O.H., 5/16″ x 5/8″
14	B 5740 HW	Lock, Handle
15	3159 A	Handle, Detent
16	J 6758 HN	Rod, Detent (Long)
17	B 5696 HW	Strap, Adjusting
18	B 5697 HW	Hook, Return Spring
19	B 5040 HW	Spring, Return
20	J 6757 HN	Rod, Detent (Short)
21	J 6759 H	Clamp, Detent Rod (4 used)
22	.....	Bolt, Cge., 1/4″ x 3/4″, with L.W. (2 used)
23	.....	Bolt, Mach., 7/16″ x 1-3/4″, with L.W.
24	B 6654 HW	Sector, Lever
25	24H 192 A	Washer, Plain, 1-1/4″ x 9/16″
26	B 6579 HW	Support, Lever
27	B 6640 HW	Brace
28	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″, with L.W. (2 used)
29	B 6571 HW	Brace, R. H.
30	B 6572 HW	Brace, L. H.
31	B 8101 HW	Brace
32	.....	Bolt, Mach., 3/8″ x 1-3/4″, with L.W.
33	11H 79 H	Pin, Cotter, 3/16″ x 7/8″ (2 used)
34	24H 192 A	Washer, Plain, 1-1/4″ x 9/16″ (2 used)

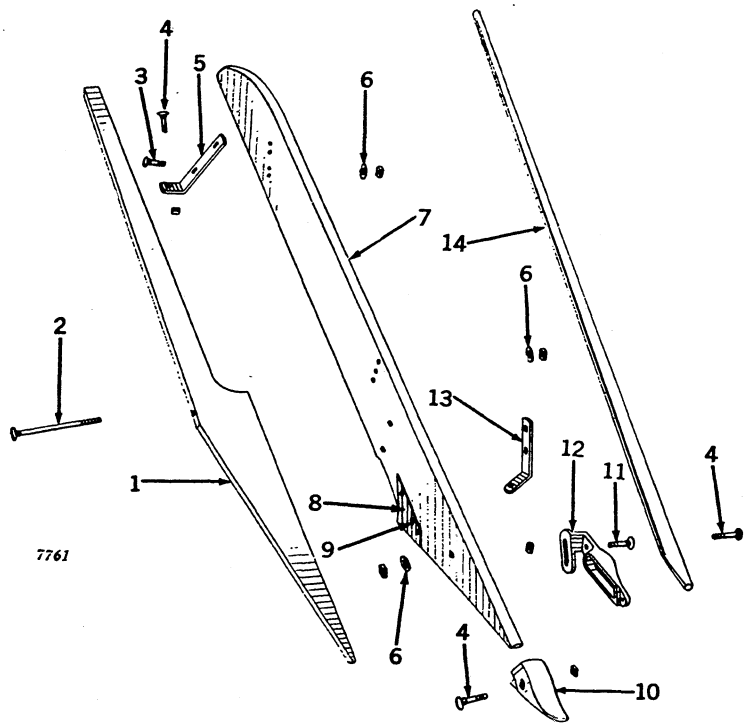
TRACTOR CONTROL—BINDER SHIFTER LEVER AND BUNDLE CARRIER TRIP



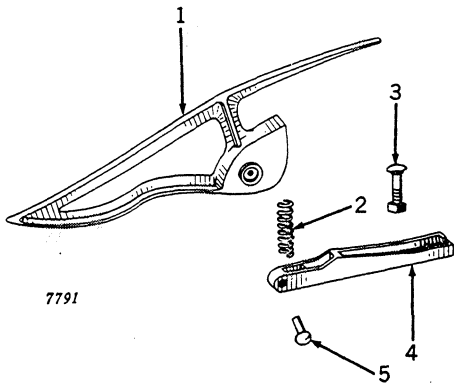
Key	Part No.	Description
1	11H 79 H	Pin, Cotter, 3/16″ x 7/8″ (2 used)
2	24H 192 A	Washer, Plain, 1-1/4″ x 9/16″ (2 used)
3	B 7838 HW	Link, Connection
4	B 6007 HW	U-Bolt (2 used)
5	12H 12 R	Washer, Lock, 7/16″ (8 used)
6	14H 10 B	Nut, Sq. (8 used)
7	B 598 HW	Arm, Shifter
8	B 6985 HW	Brace
9	B 6630 HW	Brace, Support, R. H.
10	.....	Bolt, Mach., 7/16″ x 1-3/4″, with L.W. (2 used)
11	B 6651 HW	Brace, Support
12	J 6757 HN	Rod, Detent, Short
13	7H 563 R	Bolt, Mach., 7/16″ x 1-1/4″, with L.W. (2 used)
14	7H 555 R	Bolt, Mach., 7/16″ x 1-1/4″, with L.W. (2 used)
15	B 6984 HW	Brace, Lever Sector
16	.....	Bolt, Mach., 7/16″ x 2″, with L.W.
17	B 538 HW	Trunnion
18	J 6759 H	Clamp, Detent Rod (4 used)
19	.....	Bolt, Cge., 1/4″ x 3/4″, with L.W. (2 used)
20	J 6758 HN	Rod, Detent, Long
21	3159 A	Handle, Detent
22	B 5740 HW	Lock, Detent
23	B 8099 HW	Extension, Lever
24	16H 1082 A	Rivet, R.I.O.H., 5/16″ x 5/8″
25	.....	Bolt, Mach., 7/16″ x 1-1/2″, with L.W.
26	B 8096 HW	Lever, Binder, Shifter
27	Z 5952 H	Stop, Spring
28	HZ 5198 H	Spring, Detent
29	B 487 HW	Detent
30	B 6654 HW	Sector, Lever
31	B 7837 HW	Support, Lever
32	B 8100 HW	Brace, Support, to Front Elevator Post
33	7H 739 R	Bolt, Mach., 1/2″ x 1-1/2″, with L.W.
34	22H 147 D	Screw, Set, Sq. Hd., Cup Point, 1/2″ x 3/4″
35	B 599 HW	Arm, Trip
36	B 5540 HW	U-Bolt (2 used)
37	B 5352 HW	Rope, Trip
38	B 5823 HW	Guide, Trip Rope
39	B 8140 HW	Bracket, Guide
40	7H 317 R	Bolt, Mach., 3/8″ x 1″, with L.W. (2 used)



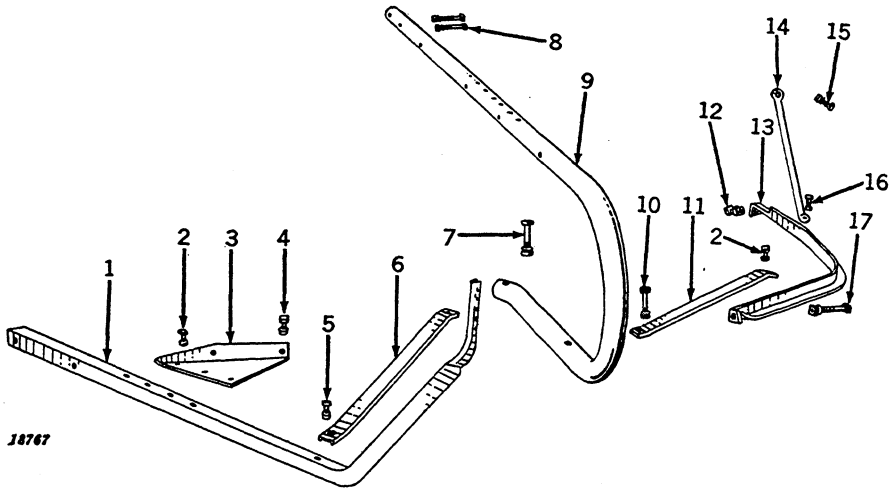
Key	Part No.	Description
1	.....	Bolt, Mach., 7/16″ x 1-1/2″ (2 used)
2	B 9142 W	Brace, Bracket
3	.....	Bolt, Mach., 7/16″ x 2″, with L.W.
4	B 9141 W	Bracket, Tilting Spring
5	14H 7 B	Nut, Sq., 3/8″ (2 used)
6	B 5734 HW	Rod, Extension, Lower
7	AB 1264 HW	Spring, Reel Jack, with Rod
8	B 7650 HW	Rod, Extension
9	B 6032 H	Bolt, Mach., 7/16″ x 3″
10	.....	Bolt, Plow, Rd. Ctsk. Hd. Sq. Nk., 3/8″ x 2″
11	.....	Rivet, R.I.O.H., 5/16″ x 7/8″
12	11H 41 R	Pin, Cotter, 1/8″ x 1″
13	B 305 HW	Lifter, Detent
14	B 658 HW	Block, Filler
	B 731 HW	Block, Filler (Special to Give More Clearance)
15	AB 3772 W	Bracket, for Detent Crank
16	B 5031 HW	Crank, Shifter
17	B 5799 HW	Clamp, Tilting Lever
18	B 8102 HW	Rod, Detent
19	J 6759 H	Clamp, Detent Rod (4 used)
20	.....	Bolt, Cge., 1/4″ x 3/4″, with L.W. (2 used)
21	J 6758 HN	Rod, Detent
22	3159 A	Handle, Detent
23	B 8099 HW	Lever, Extension
24	16H 1087 A	Rivet, R.I.O.H., 5/16″ x 5/8″ (2 used)
25	B 8095 HW	Lever, Tilting
26	.....	Bolt, Mach., 7/16″ x 1-1/2″, with L.W. (2 used)



Key	Part No.	Description
1	HZ 9288 H	Stick, Fender, Inside
2	.....	Bolt, Cge., 5/16″ x 5-1/2″
3	.....	Bolt, Cge., 5/16″ x 1-3/8″ (4 used)
4	.....	Bolt, Cge., 5/16″ x 1-3/4″ (4 used)
5	B 4527 H	Knee Iron, Upper
6	24H 43 R	Washer, Plain, 1″ x 7/16″ (6 used)
7	B 8634 HW	Board, Divider
8	B 4528 H	Shield, Divider Point
9	16H 307 H	Rivet, R.I.O.H., 3/16″ x 1-1/8″ (3 used)
10	HZ 546 HW	Point, Divider
11	.....	Bolt, Cge., 3/8″ x 1-1/2″
12	HZ 547 HW	Socket
13	HZ 5401 HW	Knee Iron, Lower
14	HZ 9171 HW	Stick, Divider



Key	Part No.	Description
1	B 1080 HW	Guard, Grain Saving
	AB 3278 HW	Guard, Grain Saving, Complete
2	HZ 7008 H	Spring
3	.....	Bolt, Cge., 3/8″ x 1-1/2″
4	B 657 HW	Bracket
5	16H 1137 A	Rivet, R.I.O.H., 5/16″ x 1-1/2″



Key	Part No.	Description
1	B 8072 HW	Brace, Platform
2	7H 317 R	Bolt, Mach., 3/8″ x 1″, with Nut (4 used)
3	B 8075 HW	Plate, Stiffener
4	.....	Bolt, Mach., 7/16″ x 1-1/2″, with Nut (2 used)
5	7H 720 R	Bolt, Mach., 1/2″ x 1″, with Nut
6	B 8074 HW	Brace
7	7H 893 R	Bolt, Mach., 1/2″ x 3-1/2″, with Nut
8	.....	Bolt, Mach., 7/16″ x 3″, with Nut
9	B 8071 HW	Pipe, Seat
10	.....	Bolt, Mach., 3/8″ x 2-3/4″, with Nut
11	B 8076 HW	Brace
12	7H 794 R	Bolt, Mach., 1/2″ x 2″, with Nut
13	B 8073 HW	Brace
14	B 8141 HW	Brace
15	.....	Bolt, Mach., 3/8″ x 1-1/2″, with Nut
16	7H 333 R	Bolt, Mach., 3/8″ x 1-1/4″
17	.....	Bolt, Mach., 7/16″ x 3-1/2″, with Nut

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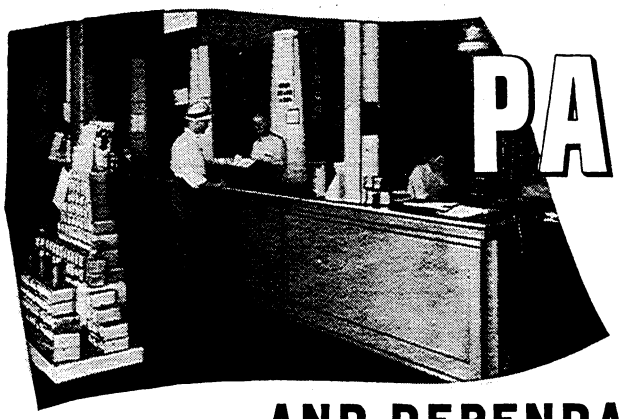

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Farm Accidents Can Be Prevented

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