

## **A Maunual For The Allis-Chalmers All-Crop 40 Combine**

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## FOREWORD

Every person who intends to set up, operate, or assist in the operation of an ALLIS-CHALMERS ALL-CROP HARVESTER should read these instructions carefully and be guided by them. The degree of success you have with the Harvester depends upon the care it receives as well as your ability to adapt it to the various grains and threshing conditions.

The answer to the question of whether the work the Harvester is doing may be classed as good, fair, or poor, depends entirely upon how well the operator knows the machine and the principles of the adjustments which have been built into it.

The most essential knowledge for the successful operation of a Harvester is to recognize the proper time to start harvesting. Most grain growers become anxious to start harvesting when the grain begins to show a golden hue. Grain should never be threshed until thoroughly ripe and the straw gets brittle. It is considered good practice to wait several days after the grain would be ready for binding before starting the Harvester.

THE ALLIS-CHALMERS ALL-CROP HARVESTER is very simple in construction, easy to operate, and built with a minimum of adjustments. Even with this simple construction, it is important that the operator knows what each adjustment is for and in what conditions certain changes are necessary.

The Harvester is well made and is thoroughly tested at the factory. The design and construction of this machine are such that it will successfully harvest grain under most adverse conditions. The operator who is willing and, no doubt, able to study out any unusual threshing conditions will readily conclude that this machine is easy to operate, adjust, and maintain.

We urge upon you the importance of studying the machine at the same time you study these instructions. This will enable you to more quickly familiarize yourself with the details of construction and the principles of adjustments. Each adjustable feature was put there for a purpose, and while it would be useless for us to lay down a rigid set of rules to govern all cases, we are only endeavoring to give such directions and illustrations which will give the operator a knowledge of the principles involved, trusting him to use his best judgement in any deviation from these instructions which may be necessary to meet any unusual threshing condition.

Study these instructions and illustrations diligently and preserve this book for future reference.

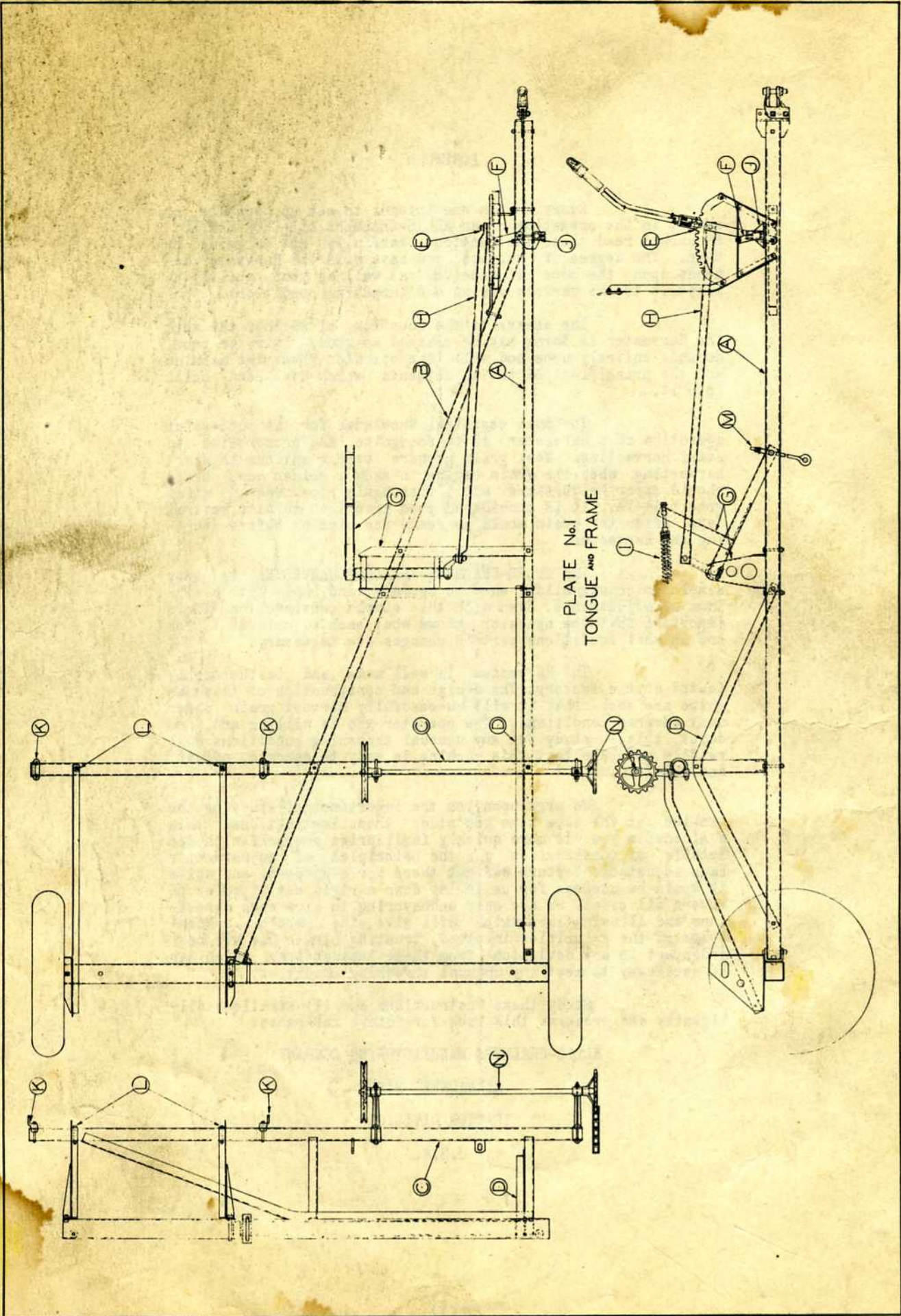
ALLIS-CHALMERS MANUFACTURING COMPANY

MILWAUKEE, WISC.

TRACTOR DIVISION

U.S.A.







## SETTING UP INSTRUCTIONS

The right and left hand sides of the Harvester are determined by facing in the direction of travel. The Header is on the left hand side.

The serial number of the Harvester is stamped on the left header pivot plate. (See Plate 3)

The Harvester leaves the Factory with the header, reel, tongue, grain bin, and clean grain elevator removed.

The first step in setting up the machine is to level up the body and to install the tongue. Bolt the R.H. Tongue Tube (A-Plate 1) to the axle. Bolt the L.H. Tongue Tube (B) in place, leaving the front bolts loose.

Install the Tongue Cross Frame (C) and the Tongue Tube Tie Angle (D) as is shown.

Install the Header Lift Lever Assembly (E) as shown. Note location of brace (F).

Install the Header Lift Bell Crank and Bearing Assembly (G). Install the Header Lift Reach Rod (H) as shown.

Install the Header Balance Spring (I).

Bolt the P.T.O Support Rod Bracket (J) in place. TIGHTEN ALL BOLTS.

Couple the Harvester Body to the Tongue Cross Frame by bolting to the two Separator Support Saddles (K-Plates 1 & 3) and by bolts (L-Plate 1).

Remove any paint from the Power Take-Off slip clutch spline shaft and from the P.T.O. Tube end and connect them as shown at (AB-Plate 2). Install the P. T. O. Support Rod (C) in the Support Rod Bracket (J) as shown. Install the Propeller Shaft Shield (E) as is shown.

ALL SHIELDS PROVIDED WITH THIS HARVESTER ARE DESIGNED FOR YOUR PROTECTION AND IT IS YOUR RESPONSIBILITY TO SEE THAT THEY ARE INSTALLED AND KEPT IN PLACE WHILE THE HARVESTER IS IN OPERATION.

THE SHIELD TO COVER THE FRONT UNIVERSAL JOINT IS SUPPLIED BY THE TRACTOR MANUFACTURER AND IF, ON OLDER TRACTORS, YOU DO NOT HAVE THIS SHIELD, IT SHOULD BE PURCHASED AND INSTALLED BEFORE STARTING THE MACHINE.

Remove the Header Pivot Bearing Clamp Ring and the Clamp Ring Plate. Remove the Draper Roller Bearing, noting the position of the Lubricator.

Slide the Header into place on the Harvester, and, with the Draper Roller in place, replace the Clamp Rings, Bearings, and Clamp Ring Plates. Be sure that the apron (A-Plate 3) is between the header bottom and the draper guides.

Couple the Header to the Header

Lift Bell Crank by using the Header Adjusting Link (M-Plate 1).

Install the Upper Draper Floating Frame (B-Plate 3), the Upper Draper Drive-Roller and Bearing Bracket (C), and the Upper Draper Grain Deflector (D). Inspect the idler roller and be sure that it rolls freely. Clean out any paint that has gotten into the bearings.

Install the upper Draper as is shown at E-Plate 3. The floating frame should be in a vertical position while making the coupling but should be lowered to the operating position before the bolts are tightened. Run this draper with reasonable tension.

Install the Upper Draper Drive Belt as shown in Plate 5. The large sheave should be on the lower draper drive roller and the small one on the upper draper drive roller as shown. The load on this belt is not great so it can be run reasonable loose.

Install the Lower Draper as is shown at (F-Plate 3). Note this coupling and installation in Plate 3. The tension on this draper is correct when the lower draper roller is in the center of the adjusting slot and the tightener is in the operating position.

Put the Reel Post Guide and Bearing assembly (A-Plate 7) on the Reel Post assembly. Install the Reel Post and the Reel Post Brace (B) as shown. Install the Reel Adjusting Arm and the Adjusting Arm Brace (C & E) as shown. Install the Reel Shaft assembly (D) and the Reel Arms and Bats. Install the Reel Driven Sheave.

The Reel Post and the Adjusting Arm Braces are slotted in one end for adjustment. The Reel Shaft should parallel the Cutter Bar.

Adjust the Header Balance Tension Spring to just balance the header.

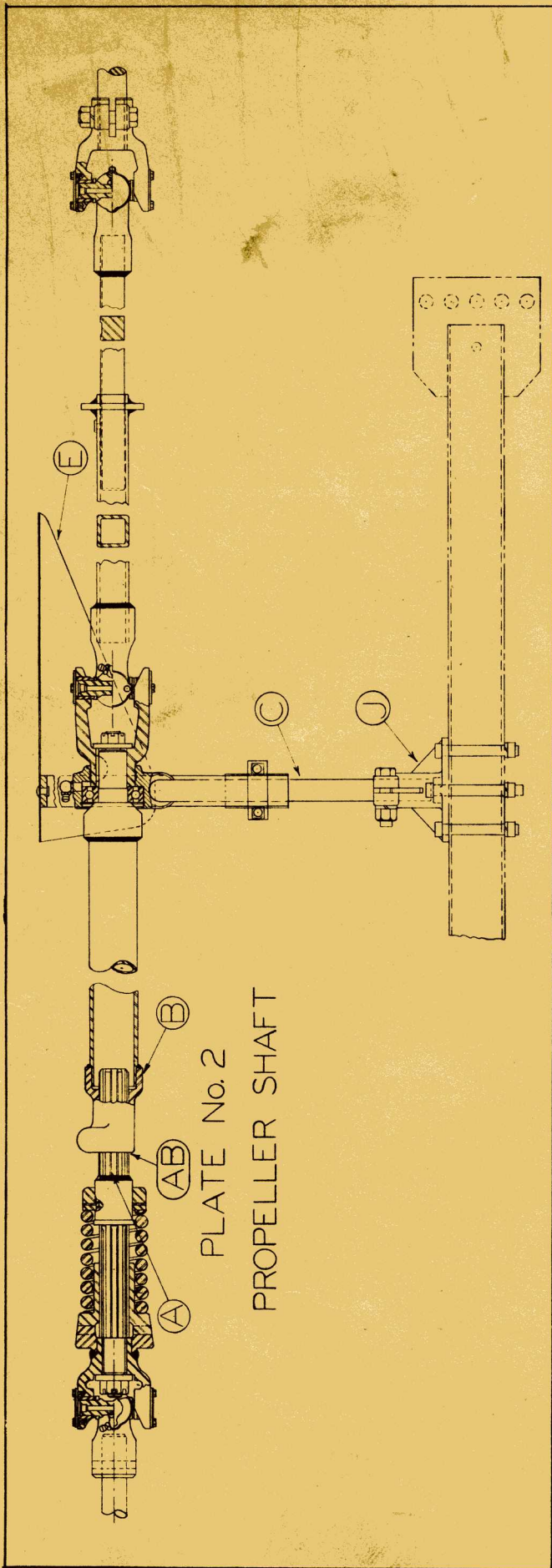
To install the Cylinder Drive Belt (See Plate 5) remove the outer sheave plate from the cylinder sheave. Be sure the Gear Box is in the forward position on the two Gear Box Support Brackets. Place the belt over the drive sheave and over the cylinder sheave spacers. With the proper amount of spacers in place, replace outer sheave plate, nuts and lockwashers. Tighten the bolts gradually, slowly turning the sheave by hand so the belt will not be pinched between the sheave plates.

The tension on this belt is controlled by the amount of spacers between the sheave plates and by the Cylinder Belt tightener (B-Plate 6). Consult the Speed Chart for the spacer requirements.

Install the Tailings Elevator Drive Belt as shown in Plate 5. Note how the belt is crossed.

Install the Separator Drive Belt (Plate 5) with the belt on the drive sheave next to the Cylinder drive sheave (See Plate 6). An idler is provided to control the tension of this belt.





Install the Sickle Pitman drive sheave and the Header and Fan Drive Belt as is shown in Plate 5. An idler is provided to control the tension of this belt. Install the sickle pitman. Note how Belt is crossed.

Inspect all belts at regular intervals for slippage. If the sheaves tend to heat, the belt is probably slipping and should be tightened.

Install the Grain Conveying Auger. Install the Grain Elevator, bolting the elevator support bracket between the Cylinder Belt tightener clip and the gear box support bracket. Install the conveyor cover.

To install the Grain Bin, bolt the two grain bin braces to the bin leg angles and bolt the right hand support bracket in place. Mount the Grain Bin on the machine and bolt in place. With the wood spacer between the Grain Bin and the Grain Elevator, install the Grain Elevator Clamp Bracket and the Grain Elevator Brace. Install Elevator Down Spout.

Install the Elevator Drive Chain and the Chain Tightener.

Install the Grain Bin Unloading auger.

Install the Grain Bin Conveyor Drive Chain and the Unloading Auger Drive Chain.

Install the Reel Counter-shaft as is shown at (N-Plate 1). Install the Reel Drive Chain and the Reel Drive Belt.

Install the Gear Box Shift Rod.

Install the Straw deflector on the Straw Hood.

For details of the various assemblies see the Repair section of this book.

There are four principle operations in the "All-Crop" harvesting of grain each operation directly affecting the other.

The four operations are:

CUTTING SHELLING SEPARATING CLEANING

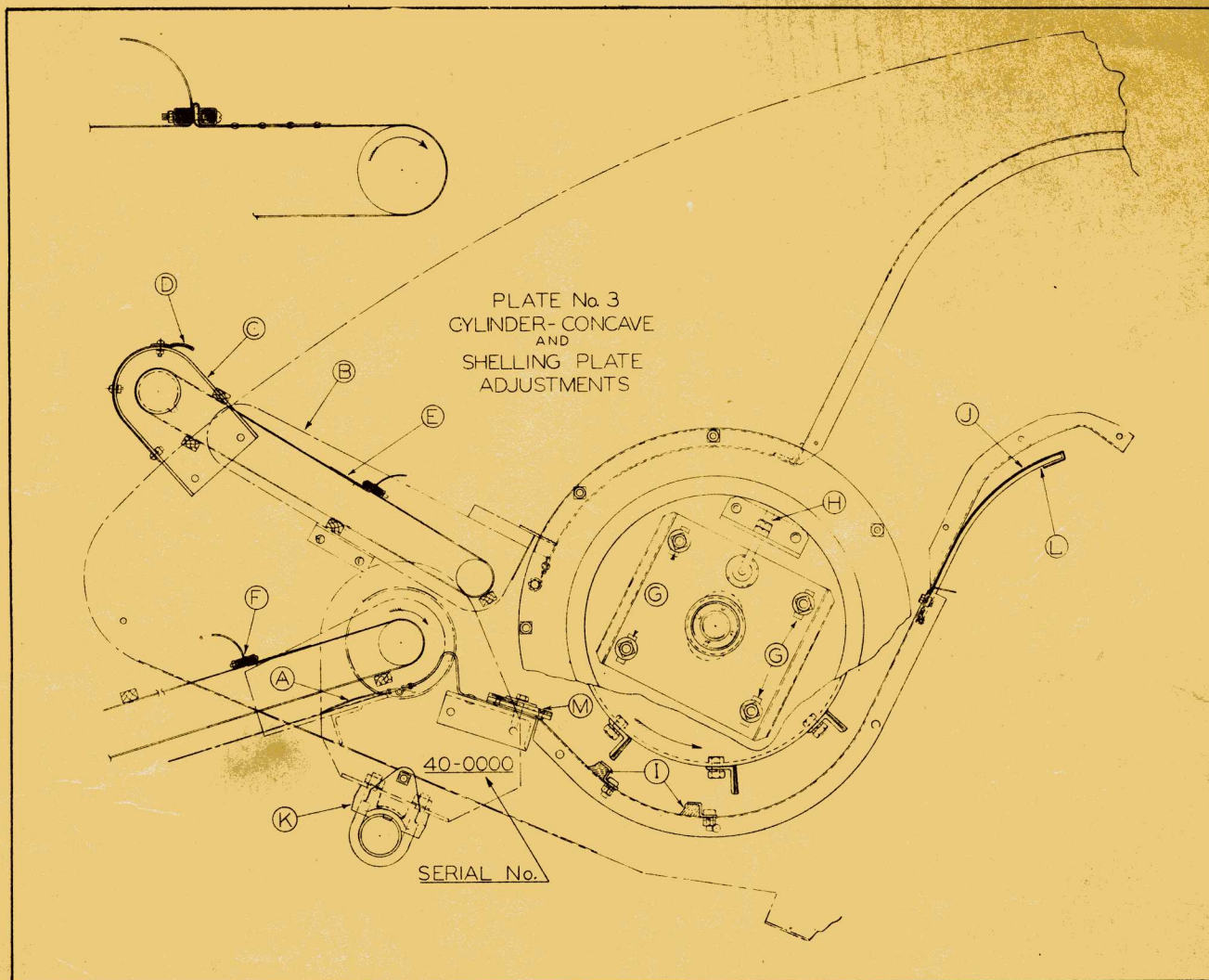
CUTTING

THE HEADER includes all parts necessary for cutting and conveying the grain to the threshing cylinder. These parts are: the Sickle, Sickle guards, Reel, Canvas Drapers, and, the Header Frame.

THE SICKLE AND GUARDS should be inspected at regular intervals to be sure no section has been dulled or broken and no guard bent to the point where the sickle does not rub the ledger plate held in the guard. Since the shearing action of the sickle section on the ledger plates does the cutting, the sickle must be held down firmly against the ledger plates by the hold down clips, yet should move freely and without binding. The sickle sections and the ledger plates are replaceable.

THE SICKLE is driven by a ball-bearing mounted on a crank on the lower draper.





drive roller sheave, through a pitman and bell crank. This drive should be lubricated regularly. The drive link from the bell crank to the sickle head carries a rubber bushing. Never oil this rubber bushing.

THE PITMAN clamp bolts should not be tight enough to cause the straps to bind the bearing housing. The end bolts are furnished with double nuts to allow this adjustment.

THE SICKLE can be easily taken out by disconnecting the drive link and taking out the two cap screws which hold the sickle guide in place. The sickle can then be removed from the machine. Sickle sections can be replaced without removing the sickle.

THE NORMAL SICKLE SPEED IS 400 STROKES PER MINUTE.

THE QUICK-ADJUSTABLE REEL aids in the cutting and the conveying of the grain to the cylinder. The position of the reel in relation to the cutter bar should be such that it will wipe the grain onto the canvas draper, yet not low enough to carry grain over the top or over the sides of the header. Adjustment forward or backward is obtained by removing or adding links to the reel drive chain. Reel adjustment for height is obtained from the tractor seat by merely pulling a rope which releases a spring-loaded plunger, getting the reel

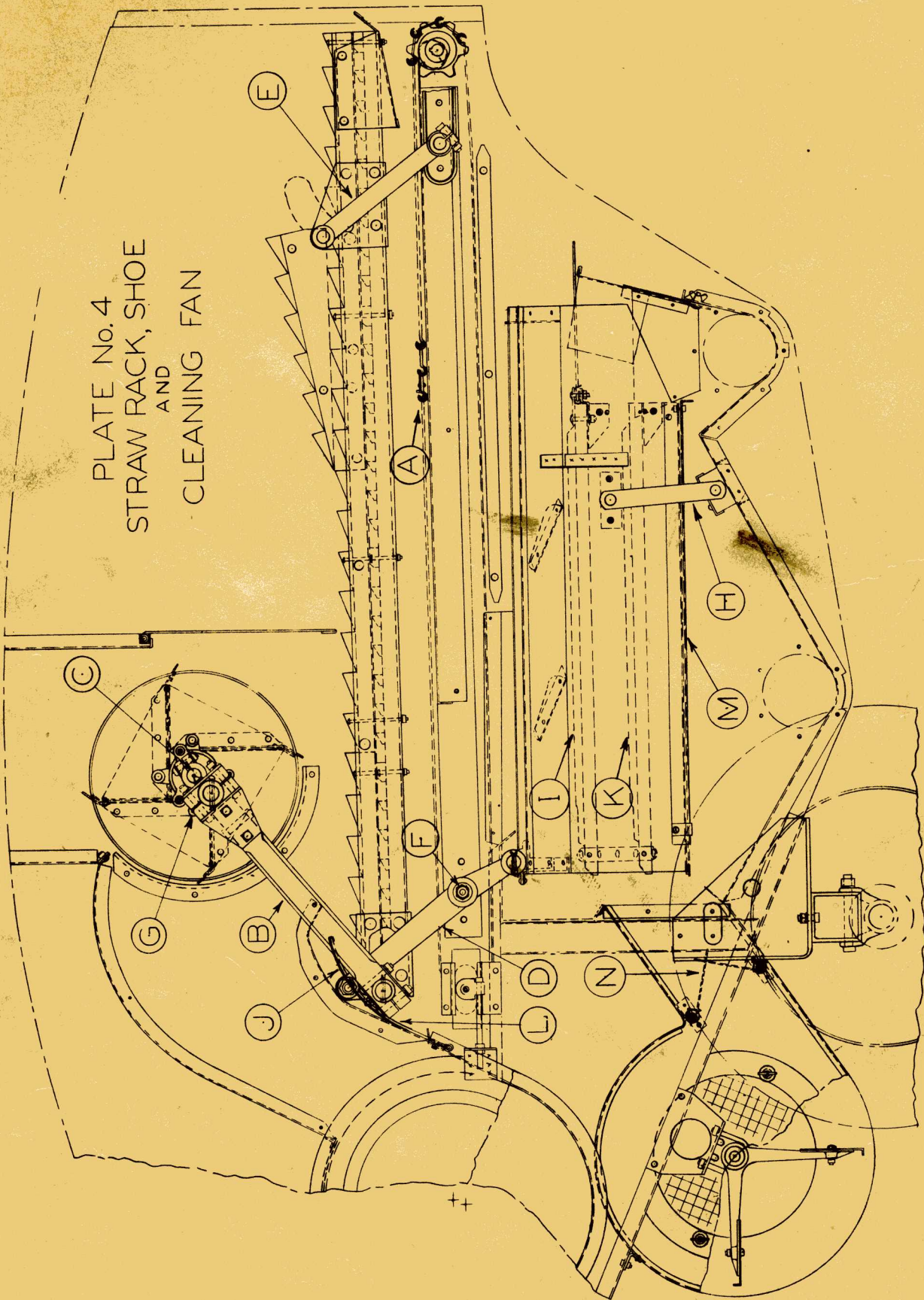
to the desired position, and releasing the rope. Any desired height above the sickle can be instantly reached. The speed of the reel can be increased by putting the large sheave on the reel counter-shaft and the small one on the reel. A larger drive sprocket can be had to further increase the speed.

THE LOWER CANVAS DRAPER which conveys the unthreshed grain to the threshing cylinder is driven by a rubber faced roller. The bearings supporting this roller are self-aligning and are held in the header hinge. The bearings should be greased regularly. The lower, or, idler roller is carried by spring loaded bearings. This spring loaded bearing should be released when installing drapers or when leaving the machine at the end of the days run. When installing a new draper be sure to pull the loose ends through the adjusting coupling an equal amount so the canvas will run square with the rollers. The tension on this draper is correct when the lower, or idler, roller bearing is in the center of the adjusting slot and the tightener is in the operating position. See Plate 3 for this coupling.

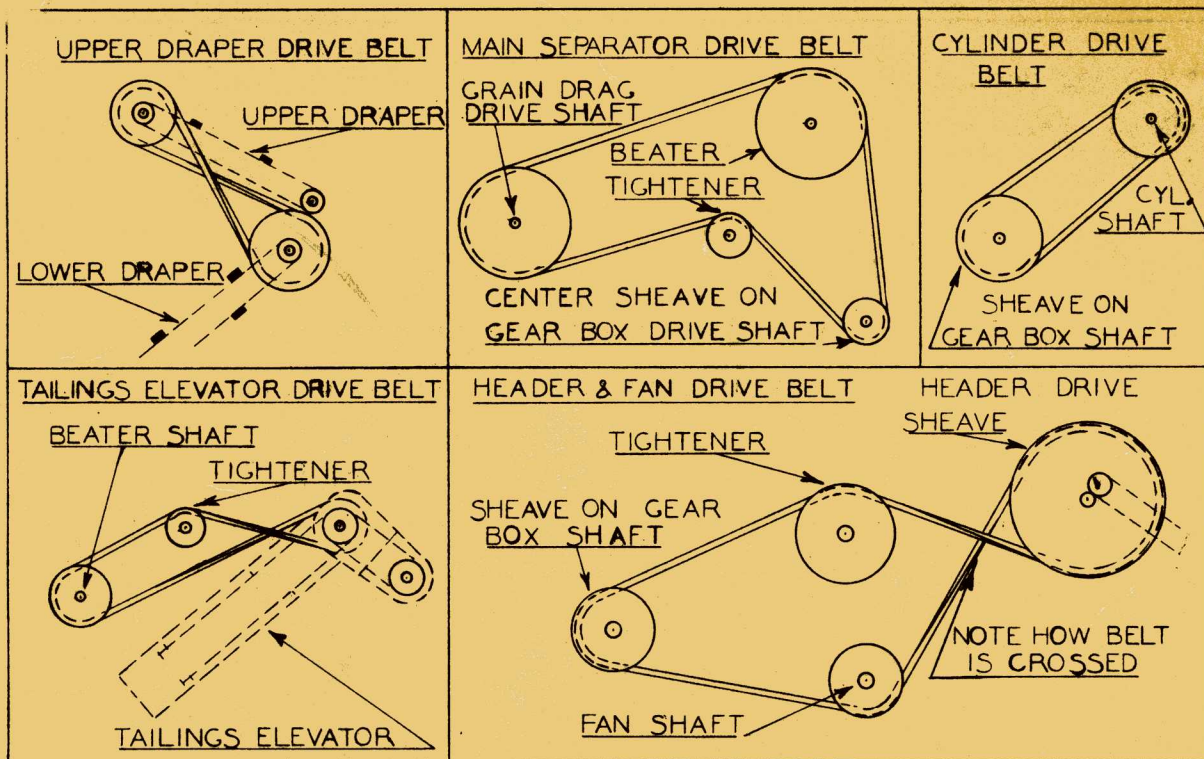
THE UPPER CANVAS DRAPER should be set only tight enough to run and should be installed so as to run square with the roller. When installing draper, raise the floating frame to a vertical position until the coupling is made, then put the frame back in the operating position to determine the proper a-



PLATE No. 4  
STRAW RACK, SHOE  
AND  
CLEANING FAN







## PLATE NO. 5 BELT DIAGRAM

mount of tension. Tighten the clamp bolts securely. See Plate 3 for this coupling. This draper is driven from the lower draper drive roller by a crossed V-belt. The load on this belt is not great and it should be run reasonably loose. The tension on this belt is controlled by the addition or removal of spacers between the sheave plates.

THE HEADER is so constructed as will permit cutting from 2 to 25 inches above the ground. The double-pawl lever adjustment with the spring tension balance provides easy adjustment and header control from the tractor seat. Further adjustment can be secured by increasing or decreasing the length of the header adjusting link (M-Plate 1). A Tall Grain Extension Divider is available for use in extreme conditions. See Attachment Section for this divider.

### SHELLING

THE THRESHING CYLINDER, being of the full width, rubber-faced-bar type, used with the two concaves and the shelling plate provides the shelling medium. The construction of the cylinder and its various built-in adjustable features permits the varied speeds, and clearances necessary for the harvesting of a wide range of small grain, seed and bean crops without the purchase of extra equipment.

THE CYLINDER BARS are rubber-faced, the rubber being securely fastened to the steel angle bar. The cylinder bars are spiraled on the cylinder, hereby reducing the power requirement and the tendency to crack grain. In extreme conditions where it becomes necessary to cut up the straw the cylinder bars can be set straight across the cylinder.

CYLINDER SPEEDS from 425 R.P.M. to 1600 R.P.M. can be had by the use of shims provided as regular equipment. The spacers

provided for both the cylinder driver and driven sheaves regulate the width between the sheave plates. A general rule to all V-belt drives is: The speed of the driven sheave can be increased by either taking shims out of the driving sheave, or, adding shims to the driven sheave. Reversing this procedure will decrease the speed of the driven sheave.

SPEEDS from 700 R.P.M. to 1600 R.P.M. can be had with the large sheave on the gear box and the small one on the cylinder shaft. Speeds from 425 R.P.M. to 1000 R.P.M. can be had with the large sheave on the cylinder shaft and the small sheave on the gear-box shaft. See speed chart for the various shim combinations.

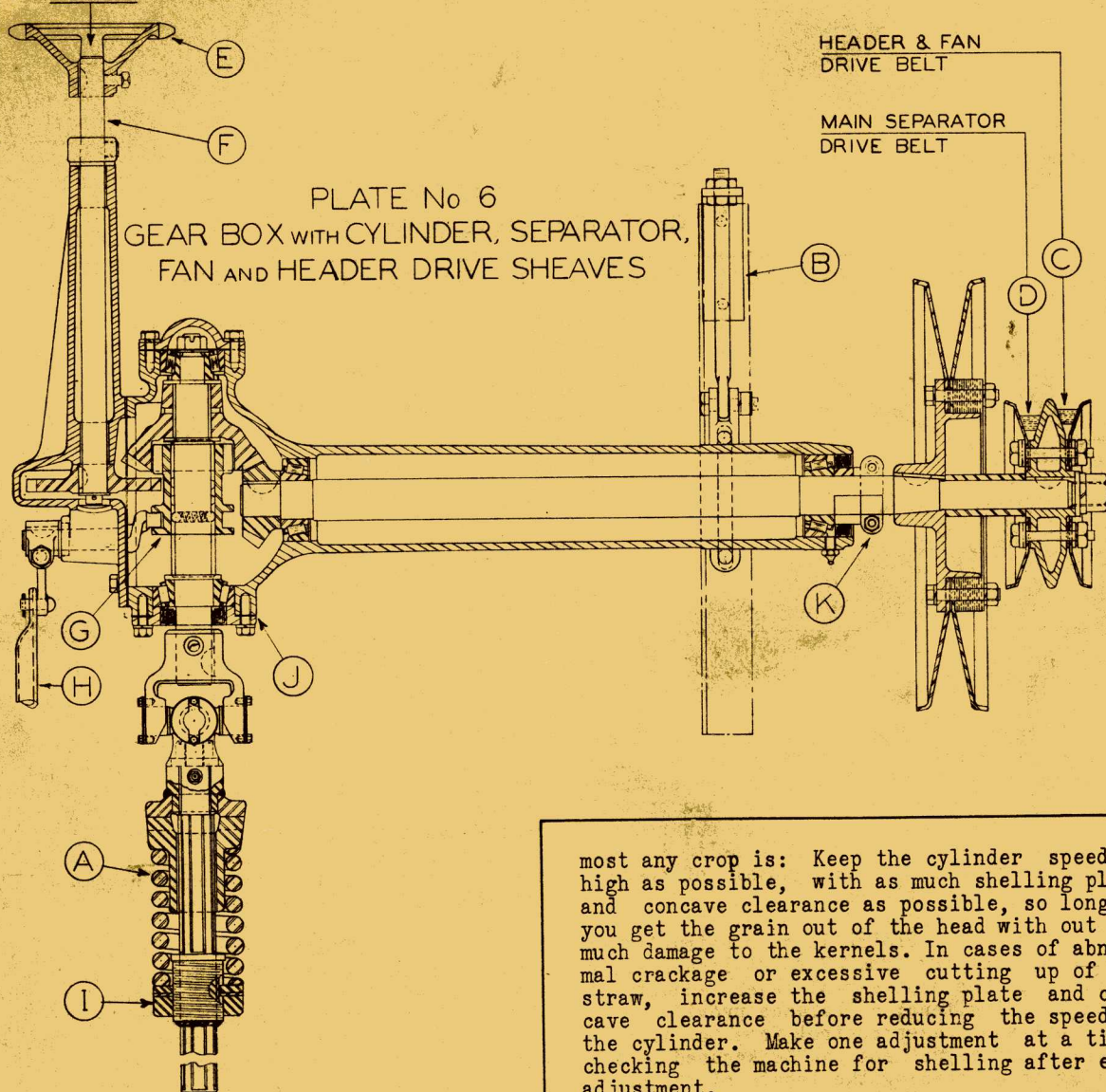
ALL SPEEDS ARE BASED ON NORMAL POWER TAKE-OFF SPEED WHICH IS 545 R.P.M.

THE CYLINDER DRIVE BELT is installed by removing the outer sheave plate from the cylinder sheave. (See Plate 5). Be sure the gear box is in the forward position on the two gear-box support brackets. Place the belt over the drive sheave and over the cylinder sheave spacers. With the proper amount of spacers in place, replace the outer sheave plate, nuts and lockwashers. Tighten the bolts gradually, slowly turning the sheave by hand so the belt will not be pinched between the sheave plates. The tension on this belt, is controlled by the amount of spacers between the sheave plates and by the cylinder belt tightener (B-Plate 6).

CYLINDER CLEARANCE above the concaves is controlled by movable cylinder end plates. Clearance from 1/8 to 5/8 inch can be had by loosening the four bolts (G-Plate 3) on each end plate. Adjust the clearance by use of the adjusting bolt (H). When proper clearance is reached, tighten the bolts securely.



SPEED-303 R.P.M.



ADJUST BOTH ENDS OF CYLINDER TO THE SAME CLEARANCE ABOVE CONCAVES.

THE CYLINDER BEARINGS are the ball-bearing type and are packed in grease by the manufacturer; they need no lubrication.

THE SHELLING PLATE (M-Plate 3) is provided to stem the grain as it enters the cylinder. This rubber faced plate has slotted bolt holes for adjustment toward or away from the cylinder. In adjusting this plate be sure to get the same clearance at each end of the cylinder. The speed and adjustment chart will give our recommendations on the shelling plate clearance for the various crops.

THE CONCAVES (I-Plate 3) are of the block rubber type and are held securely in place by the steel concave bars bolted to the concave plate. These concaves can be removed when necessary. See speed and adjustment chart for our recommendations on concave clearances.

A GENERAL RULE which applies to

most any crop is: Keep the cylinder speed as high as possible, with as much shelling plate and concave clearance as possible, so long as you get the grain out of the head with out too much damage to the kernels. In cases of abnormal crackage or excessive cutting up of the straw, increase the shelling plate and concave clearance before reducing the speed of the cylinder. Make one adjustment at a time, checking the machine for shelling after each adjustment.

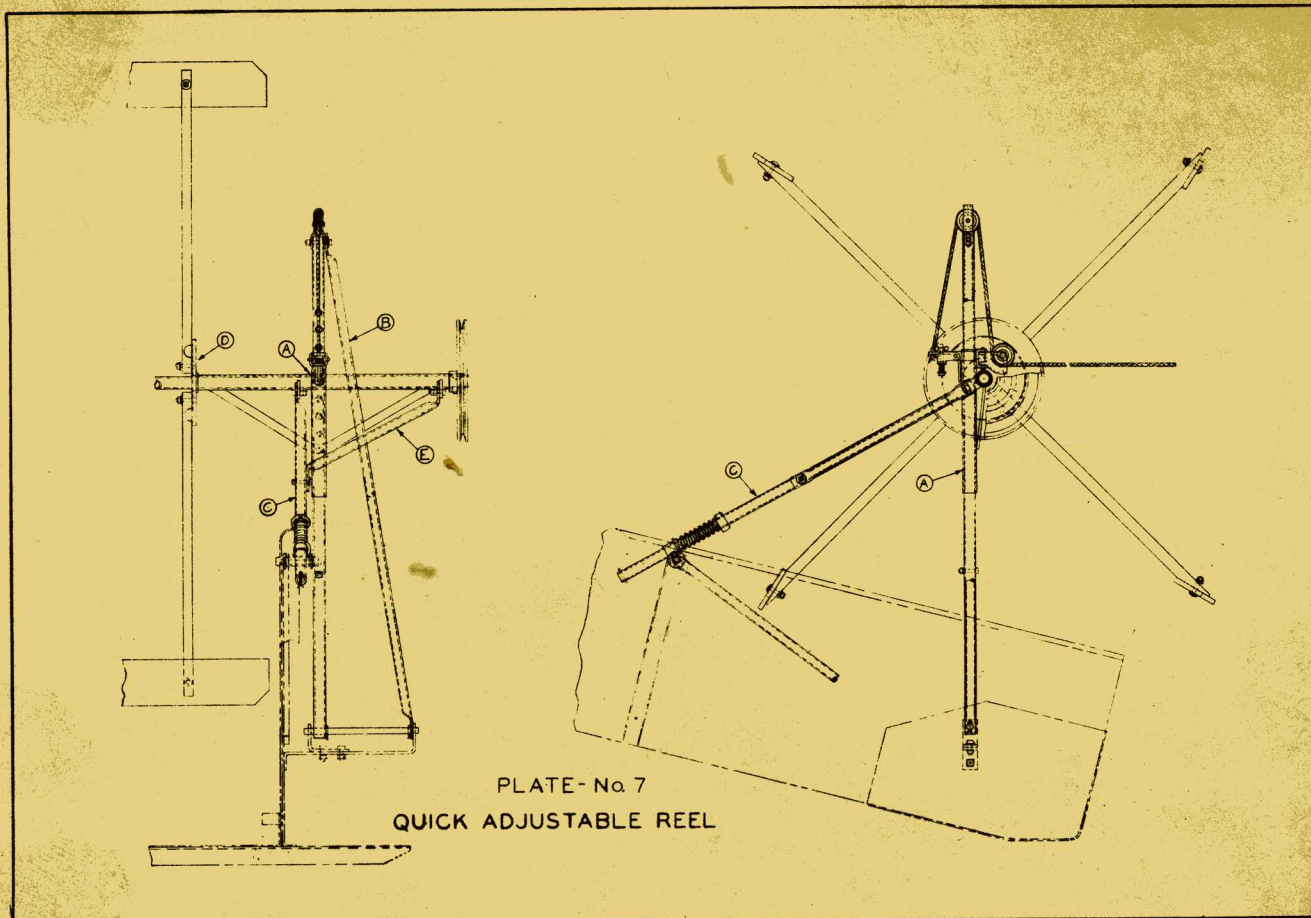
#### SEPARATION

SEPARATION of the grain from the straw and chaff is accomplished by the action of the beater, the straw rack, and the cleaning shoe. The straw and shelled grain is delivered over the delivery board (J-Plate 4) at which point the beater is used to deflect it down to the straw rack and to check the air blast from the cylinder. Any loose grain in the straw is separated from the straw by the straw rack and falls to the grain drag chain (A) and is carried to the front of the cleaning shoe.

THE CONCAVE EXTENSION GRATE COVER, or delivery board, is a cover for the finger grate (L). When an extremely low cylinder speed is being used and an abnormal amount of pods and vegetation is being handled, this cover should be removed. This is done by removing the center bolt and loosening the other bolts which hold the cover in place. The removal of the cover exposes the finger grate.

THE STRAW RACK is driven by the crank (B) on the beater shaft (C), through the two rocker arms (D); it is supported at the





rear end by the hangars (E). This complete unit requires no attention except to keep the bearings properly lubricated. Check the nuts (F) after the first few hours run and tighten if necessary. Inspect these regularly until the rocker arm has set firmly to the tapered shaft and the nuts are set tight.

THE GRAIN DRAG CHAIN (A) under the straw rack is driven by the two sprockets on the rear shaft. The front bearings are for the adjustment of the chain; run this chain reasonably tight but not tight enough to cause excessive wear on the sprockets. Grease the bearings regularly.

THE BEATER is driven by V-belt from the gear box; the same belt which drives the grain drag raddle chain. (See belt diagram on Plate 5 and on the right hand side of the Harvester). This drive belt should be inspected at regular intervals for tension- it should be run tight enough to avoid any slippage.

THE NORMAL SPEED of the beater, straw rack, and cleaning shoe is 245 R.P.M. or 245 strokes per minute. Spacers are provided in the drive sheave for controlling the speed. Changes of this speed should only be necessary when the P.T.O. speed is not normal. To step up the speed of the beater and rack, remove the shim from the driving sheave; to lower the speed, add shim to the driving sheave. See Plate 6 for proper sheave and shim setting.

THE STRAW RACK PITMAN is provided with shims (G-Plate 4) to take care of any lost motion at this point. Lubricate at all fittings regularly.

THE CLEANING SHOE is driven by

the rockers (D) and is carried by the arms (H) as shown. A chaffer, an adjustable sieve, and a finishing sieve can be used for perfect cleaning.

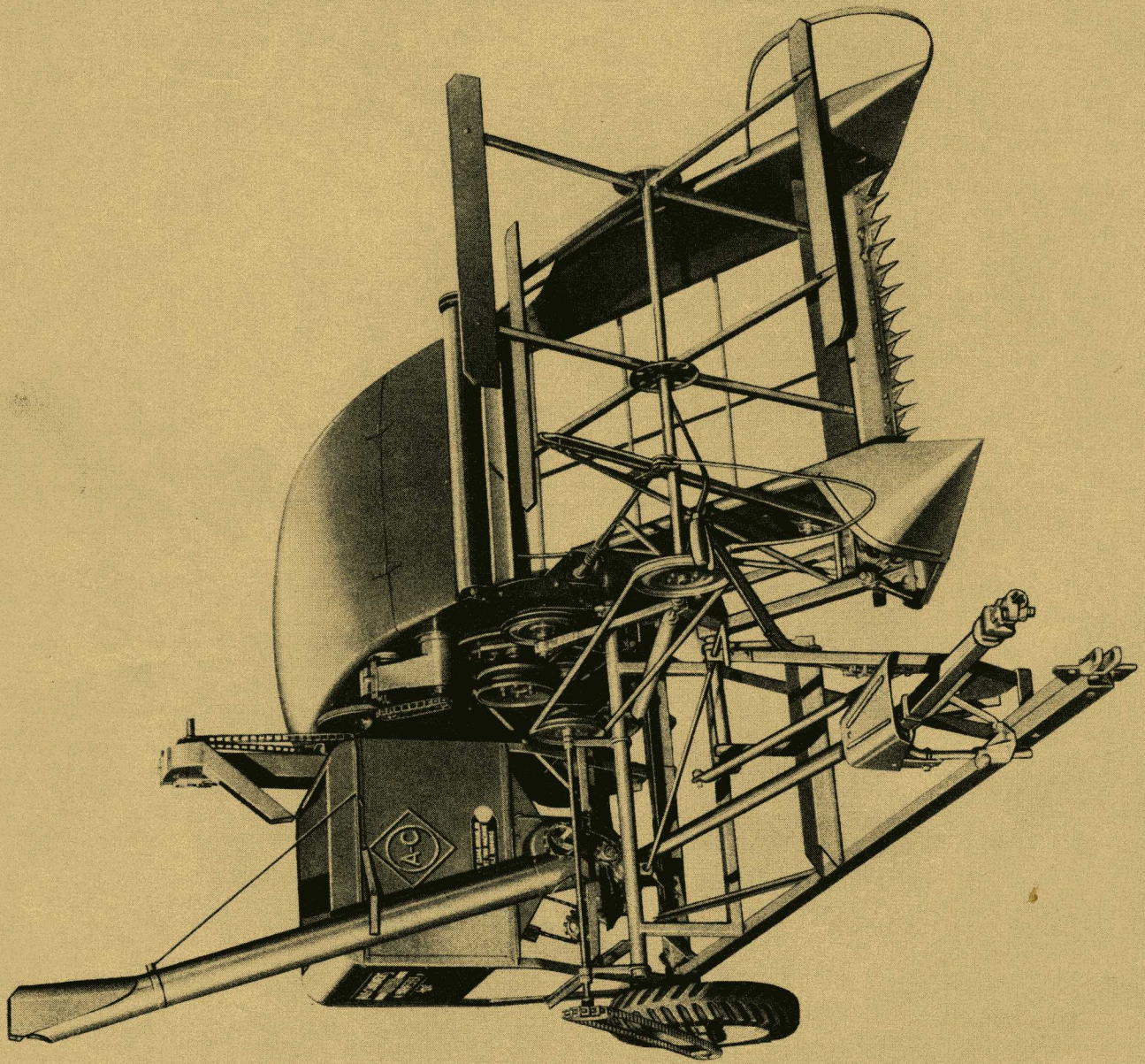
THE ADJUSTABLE CHAFFER is held in the upper location (I), the rear end being adjustable for height or slope of the chaffer. It is adjustable for opening and should be set according to the special crop information. A wire-fingered tail rake is provided with the adjustable chaffer. A round hole tailer can be had for use in extreme weed conditions which will keep the tailings auger from getting overloaded by excessive weeds and chaff.

THE ADJUSTABLE SIEVE (K) under the chaffer should be run far enough open to allow the grain to fall through and not be carried over to the return auger.

THE FINISHING SIEVE (M) can be had for each crop. (See Speed and Adjustment Chart for our recommendation on special sieves for the various crops.

THE CLEANING FAN is driven from the sheave (C-Plate 6) on the gear box shaft. The wind control valves (N-Plate 4) in the fan housing throat are for regulating the blast of air to the sieves. These valves should be open to the point where the air will lift the chaff from the sieves without blowing the grain over the rear of the shoe. The valves are controlled by two regulating arms located on the right side of the machine and just above the tailing auger. The valves are entirely open when the adjusting levers are in the rear position. The special crop information will give our recommendations for valve opening for each crop.







THE TAILINGS ELEVATOR receives the unthreshed heads from the tailings auger and conveys them to the upper tailings auger, which, in turn, conveys the heads to the center of the threshing cylinder. An excessive amount of unthreshed heads in the tailings elevator indicates that there is improper clearance or speed of the cylinder. The tailings elevator chain can be adjusted by the adjusting bolts at the top of the elevator. The elevator is driven by a V-belt from the beater shaft; it requires only reasonable tension. The tension of the belt is controlled by an idler pulley. (See Plate 5)

THE UPPER TAILINGS CONVEYOR is driven by chain from the upper shaft on the tailings elevator. The elevator support bracket is slotted; this slotted bracket allows the elevator, when the bolt is loosened, to be raised or lowered. This movement of the tailings elevator permits the control of the tension of the upper tailings conveyor drive chain.

THE GRAIN ELEVATOR conveys the grain from the grain auger to the grain bin or the bagger head, as the case may be. The elevator conveyor chain should be kept reasonably tight but not tight enough to cause abnormal wear on the chain, sprockets, or bearings. The tension of this chain is controlled by the adjusting bolts at the top of the elevator. The elevator is driven by a steel chain from the beater shaft. A spring loaded safety clutch is provided on the top shaft of the elevator. This clutch is a safety factor and should not be run too tight.

#### THE HARVESTER DRIVE

THE HARVESTER is driven from the power-take-off shaft of the tractor by the P.T.O. drive shaft to the gear box. The P.T.O. shaft should be so adjusted that the universal joints and the shaft will be in a straight line when the bottom of the harvester tongue is 13-5/8 inches above the ground.

THE PROPELLER SHAFT is equipped with three universal joints to take care of any flexibility necessary for short turns or rough ground. A heavy jaw clutch is provided just ahead of the gear box which insures the machine against overload. Adjustment is effected by use of the nut (I-Plate 6). The clutch faces and the universal joints should be oiled regularly. Since the jaw clutch is provided as a safety measure it should not be allowed to ratchet for any length of time. If the clutch should slip, the first thing to do is to check the machine carefully in order to determine "why the clutch HAD to work" and to remove the cause.

THE PRIMARY SHAFT in the gear box is mounted on two tapered roller bearings. Shims are provided at (J) for the purpose of adjusting the bearings and controlling the gear mesh.

THE SLIDING GEAR (G) is controlled from the tractor seat by the lever (H).

NEVER ATTEMPT TO SHIFT THE GEAR WHILE HARVESTER PROPELLER SHAFT IS RUNNING.

THE GRAIN BIN DRIVE SHAFT (F) should run 303 R.P.M. with normal P.T.O. speed

THE CLEAN GRAIN CONVEYOR has a removable housing between the harvester body and the clean grain elevator. This housing, or boot, is furnished as a blank or with perforations. The perforated boot, or dirt screen, with two dirt screen wipers are available for use where excessive dirt and dust must be removed. The dirt screen is interchangeable with the blank provided as standard equipment.

THE GRAIN BIN has a capacity of approximately 11 bushels. Grain is unloaded by a cross auger feeding the grain into the unloading auger. The cross auger is driven by sprocket (E-Plate 6). The unloading auger is driven by chain from the cross auger. The grain bin drive shaft (F) is driven by the sliding gear (G) which is controlled by the shift lever (H). The lever extends to within easy reach of the operator.

THE SHIFT LEVER (H) when in the forward position, disconnects the harvester, and allows the grain bin augers to run. With the lever in the center position the grain bin and the separator will run. With the lever in the rear position the drive goes directly to the harvester and the grain bin is not allowed to run.

THE GRAIN BIN DRIVE is protected by a safety clutch on the cross auger. The adjustment on this clutch is taken care of by the spring and two jam-nuts on the rear of the shaft. The drive chain tension is adjusted by a wood block idler mounted on the grain bin. Run this chain with reasonable tension.

of 545 R.P.M. Check the speeds at this shaft. When unloading the grain bin, START the augers slowly- do not jerk them in starting.

DO NOT GUESS AT THIS SPEED-USE THE SPEED COUNTER.

THE SECONDARY SHAFT is mounted on tapered roller bearings which are adjusted by the clamp collar (K). To tighten the bearings, loosen the collar and pry it toward the gear box. Tighten the clamp collar bolts. The drive belt should be removed when adjusting the bearings.

THE ANTI FRICTION BEARINGS and the spur and bevel gears are lubricated from the gear box oil supply. Use a good grade of oil and keep gear box filled to filler plug.

THE CYLINDER, HEADER, FAN, AND SEPARATOR are driven by V-belt from gear box.

See the .SPEED CHART for proper shim and sheave settings for the various speed and drives.

THE CYLINDER SHEAVES are provided with thirteen shims and a re-inforcing-plate. Always keep the re-inforcing plate on the outside and next to the lockwashers.

THE MAIN SEPARATOR DRIVE SHEAVE (D) is center sheave on gear box shaft.

THE NORMAL SICKLE SPEED is 400 strokes per minute.



On the following charts we are endeavoring to give a general average of the cylinder speed, shelling plate and concave adjustments, and the special sieve requirements.

Too many conditions exist for us to lay down a rigid set of speeds and adjustments to fit all grains and threshing conditions. Use this chart as a guide in setting your Harvester for the various seeds and grain you may wish to harvest.

The numeral preceeding the kind of grain on the chart correspond with the numeral preceeding the same crop in the special information given on the pages following the speed and adjustment chart.

The cylinder speeds listed for the grains from 1 to 82 are obtained by using the large sheave on the gear box shaft and the small sheave on the cylinder shaft. This is regular factory installation.

KIND OF GRAIN	CYLINDER SPEED	NO. CONC.	CLEARANCE		SPECIAL SIZE	SIEVE NUMBER	BU. WGT
			SHELLING PLATE	CONCAVE			
1-Alfalfa	1600	2	3/16 to 3/8	3/16 to 3/8	7/64	503334	60
2-Barley	1000-1600	1-2	3/8 to 5/8	3/8 to 5/8	None		48
3-Beets-Table	900-1200	1-2	5/16	5/16	5/16	503338	52
4-Beets-Sugar	900-1200	0-2	5/16 to 1/2	5/16 to 1/2	5/16	503338	52
5-Beans-Faba or Horse	1100-1300	0-1	5/8	5/8	None		
6-Beans-Mung	700-1100	2	3/8 to 5/8	3/8 to 5/8	None		60
7-Beans-Soy	700-1100	0-2	1/2 to 5/8	1/2 to 5/8	3/8	503340	58
8-Beans-Velvet	1100-1400	2	3/8 to 1/2	3/8 to 1/2	None		60
9-Buckwheat	900-1200	0-1	3/8 to 5/8	3/8 to 5/8	5/16	503338	48
10-Cabbage	900-1100	2	3/8 to 1/2	1/4 to 3/8	5/32x3/4	503348	
11-Cane	1100-1400	2	1/4 to 1/2	3/16 to 1/2	5/32x3/4	503348	
12-Carrot	900-1100	2	1/8 to 3/8	1/8 to 3/8	9/64	503336	50
13-Clover-Alsike	1600	2	3/8	1/4 to 3/8	1/12	503332	60
14-Clover-Birdsfoot Trefoil	1600	2	1/4 to 3/8	1/4 to 3/8	1/14	503329	56
15-Clover-Crimson	1600	2	1/8 to 1/4	1/8 to 1/4	7/64	503334	60
16-Clover-Dutch	1600	2	1/4 to 3/8	1/4 to 3/8	1/14	503329	
17-Clover-Giant English	1600	2	1/4 to 3/8	1/4 to 3/8	1/14	503329	60
18-Clover-Hop	1600	2	1/8 to 1/4	1/8 to 1/4	1/14	503329	60
19-Clover-Hubam	1600	2	3/16 to 3/8	3/16 to 3/8	9/64	503336	60
20-Clover-Ladino	1600	2	3/16 to 3/8	3/16 to 3/8	1/14	503329	60
21-Clover-Persian	1600	2	1/8 to 1/4	1/8 to 1/4	1/14	503329	
22-Clover-Red	1600	2	3/16 to 1/4	3/16 to 1/4	1/12	503332	60
23-Clover-Sweet	1600	0-1	5/8	5/8	9/64	503336	60
24-Clover-White	1600	2	1/4 to 3/8	1/4 to 3/8	1/12	503332	60
25-Corn-Broom	1200-1600	2	3/8 to 1/2	3/8 to 1/2	5/32x3/4	503348	50
26-Corn-Gyp	1400-1600	2	1/4 to 1/2	1/4 to 1/2	None		
27-Corn-Pop	900-1200	2	5/8	5/8	7/16	503342	56
28-Crotolaria	700-1200	1-2	1/2 to 5/8	1/2 to 5/8	5/32x3/4	503348	60
29-Fenugreek	1100-1300	2	1/2 to 5/8	1/2 to 5/8	5/32x3/4	503348	60
30-Flax	1400-1600	2	5/16 to 3/8	1/4 to 5/16	9/64	503336	56
31-Fuzzy Cheat	1300-1500	2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	
32-Grass-Blue	1600	2	1/4 to 5/16	1/4 to 5/16	1/16x3/8	503348	24
33-Grass-Big Blue Stem	1000-1400	2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	
34-Grass-Brome	1000-1200	2	3/8 to 1/2	3/8 to 1/2	5/32x3/4	503348	14
35-Grass-Bermuda	1600	2	1/4 to 3/8	1/4 to 3/8	9/64	503336	35
36-Grass-Canary	1600	2	3/16 to 1/4	3/16 to 1/4	1/16x3/8	503346	48
37-Grass-Carpet	1200-1600	2	3/8 to 1/2	3/8 to 1/2	1/12	503332	24
38-Grass-Canadian Rye	1400-1600	2	5/16 to 3/8	5/16 to 3/8	5/32x3/4	503348	24
39-Grass-Crested Wheat	1300-1500	2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	22
40-Grass-Dallis	1200-1600	2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	15
41-Grass-English Rye	1400-1600	2	5/16 to 3/8	5/16 to 3/8	5/32x3/4	503348	24
42-Grass-Grama	1400-1600	2	1/8 to 1/4	1/8 to 1/4	5/32x3/4	503348	
43-Grass-Johnson	1400-1600	2	3/8 to 1/2	3/8 to 1/2	5/32x3/4	503348	28
44-Grass-Orchard	1600	2	3/16 to 1/4	3/16 to 1/4	1/16x3/8	503346	14
45-Grass-Rhodes	1000-1200	2	3/16 to 5/16	3/16 to 5/16	9/64	503336	8
46-Grass-Sudan	1200-1600	2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	32
47-Grass-Sand Drop	1600	2	1/4 to 3/8	1/4 to 3/8	7/64	503334	
48-Grass-Western Wheat	1400-1600	2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	
49-Hegari	1000-1300	1-2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	56
50-Kafir	1100-1400	1-2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	56
51-Lespedeza-Korean	1000-1600	2	1/4 to 1/2	1/4 to 1/2	9/64	503336	25
52-Lespedeza-Kobe	1000-1600	2	1/4 to 1/2	1/4 to 1/2	9/64	503336	
53-Lespedeza-Sericea	1000-1600	1-2	1/4 to 1/2	1/4 to 1/2	9/64	503336	25
54-Lespedeza-Tenn. "76"	1000-1600	1-2	1/4 to 1/2	1/4 to 1/2	9/64	503336	
55-Lettuce	900-1100	2	1/8 to 3/8	1/8 to 3/8	9/64	503336	
56-Millet-Common	1400-1600	2	1/4 to 1/2	1/4 to 1/2	9/64	503336	50
57-Millet-Hog or Proso	1400-1600	2	1/4 to 1/2	1/4 to 1/2	9/64	503336	48
58-Maize	1100-1400	1-2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	56
59-Mustard	1400-1600	1-2	1/4 to 5/8	1/4 to 5/8	9/64	503336	58
60-Oats	1400-1600	2	3/8 to 5/8	3/8 to 5/8	None		32
61-Onions	900-1300	2	3/16 to 5/16	3/16 to 5/16	9/64	503336	57
62-Okra	1100-1400	2	1/2 to 5/8	1/2 to 5/8	5/16	503338	
63-Peas-Alaska	700-1000	2	1/2 to 5/8	1/2 to 5/8	None		50



KIND OF GRAIN	CYLINDER SPEED	NO. CONC.	CLEARANCE		SPECIAL SIEVE		BU. WGT
			SHELLING PLATE	CONCAVE	SIZE	NUMBER	
64-Peas-Austrain Field	800-1000	2	3/8 to 5/8	3/8 to 5/8	None		
65-Peas-Lady	700-1000	0-1	3/8 to 5/8	3/8 to 5/8	None		
66-Popy	1400-1600	1-2	1/4 to 5/8	1/4 to 5/8	9/64	503336	46
67-Rice-Common	1000-1200	2	5/16 to 1/2	5/16 to 1/2	None		45
68-Rice-Red	900-1100	2	1/2 to 5/8	1/2 to 5/8	3/8	503340	
69-Rye	1400-1600	1-2	1/4 to 1/2	1/4 to 1/2	5/32x3/4	503348	56
70-Red Top	1600	2	3/16 to 5/16	3/16 to 5/16	24 x 24	504278	14
71-Safflower	800-1000	2	1/2 to 5/8	1/2 to 5/8	None		
72-Spelt	1400-1600	1-2	3/8 to 5/8	3/8 to 5/8	None		40
73-Sagrain	1100-1400	1-2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	56
74-Sorgo	1100-1400	1-2	1/4 to 3/8	1/4 to 3/8	5/32x3/4	503348	50
75-Sunflower	800-1000	1-2	3/8 to 5/8	3/8 to 5/8	None		32
76-Spinach	1400-1600	2	1/4 to 1/2	1/4 to 1/2	9/64	503336	
77-Timothy	1600	2	3/16 to 5/16	3/16 to 5/16	1/14	503329	45
78-Tobacco	700-900	1-2	1/2 to 5/8	1/2 to 5/8	1/14	503329	
79-Turnip	1100-1300	2	1/4 to 3/8	1/4 to 3/8	1/12	503332	55
80-Vetch	1300-1600	1-2	1/4 to 1/2	1/4 to 1/2	5/32x3/4	503348	60
81-Wheat	1400-1600	1-2	5/16 to 1/2	5/16 to 1/2	5/32x3/4	503348	60
82-Zinnia	900-1100	2	3/8	1/4 to 3/8	9/64	503336	

ALL SPEEDS IN THE CHART BELOW ARE OBTAINED BY USING THE SMALL SHEAVE ON THE GEAR BOX SHAFT AND THE LARGE SHEAVE ON THE CYLINDER SHAFT

KIND OF GRAIN	CYLINDER SPEED	NO. CONC.	CLEARANCE		SPECIAL SIEVE		BU. WGT
			SHELLING PLATE	CONCAVE	SIZE	NUMBER	
83-Beans-Bountiful	425-700	2	3/8 to 5/8	3/8 to 5/8	None		60
84-Beans-Black eye	425-700	0-2	3/8 to 5/8	3/8 to 5/8	None		60
85-Beans-Baby Lima	425-700	2	1/2 to 5/8	1/2 to 5/8	9/16	503344	56
86-Beans-Clay Bank	425-600	1-2	3/8 to 5/8	3/8 to 5/8	None		60
87-Beans-Cranberry	425-600	1-2	3/8 to 5/8	3/8 to 5/8	9/16	503344	60
88-Beans-Ebony	425-700	2	3/8 to 5/8	3/8 to 5/8	None		60
89-Beans-Great Northern	425-700	1-2	1/2 to 5/8	1/2 to 5/8	7/16	503342	60
90-Beans-Garvanza	425-600	2	1/2 to 5/8	1/2 to 5/8	None		60
91-Beans-Italian	425-700	2	1/2 to 5/8	1/2 to 5/8	9/16	503344	60
92-Beans-Kentucky Wonder	425-600	1-2	1/2 to 5/8	1/2 to 5/8	None		60
93-Beans-Kidney	425-600	1-2	3/8 to 5/8	3/8 to 5/8	9/16	503344	60
94-Beans-Navy	425-700	1-2	1/2 to 5/8	1/2 to 5/8	3/8	503340	60
95-Beans-Pinto	425-700	2	1/2 to 5/8	1/2 to 5/8	None		60
96-Beans-Red Mexican	425-700	2	1/2 to 5/8	1/2 to 5/8	None		60
97-Parsnip	500-700	0-1	5/8	5/8	None		60
98-Peas-Cow	425-600	1	1/2 to 5/8	1/2 to 5/8	3/8	503340	60
99-Peas-Chinese Red	425-600	1-2	1/2 to 5/8	1/2 to 5/8	5/16	503338	60
100-Peas-Table	425-600	1-2	3/8 to 1/2	3/8 to 1/2	None		60
101-Peas-Whipoorwill	425-600	1-2	1/2 to 5/8	1/2 to 5/8	3/8	503340	60
102-Radish	425-600	2	3/16 to 5/16	3/16 to 5/16	9/64	503336	

CHART OF CYLINDER SPEEDS AND SPACER REQUIREMENTS

This chart was compiled from actual speed counter readings with the power take-off speed at 545 R.P.M. and we cannot over-emphasize the importance of checking this speed and at no time should it exceed 560.

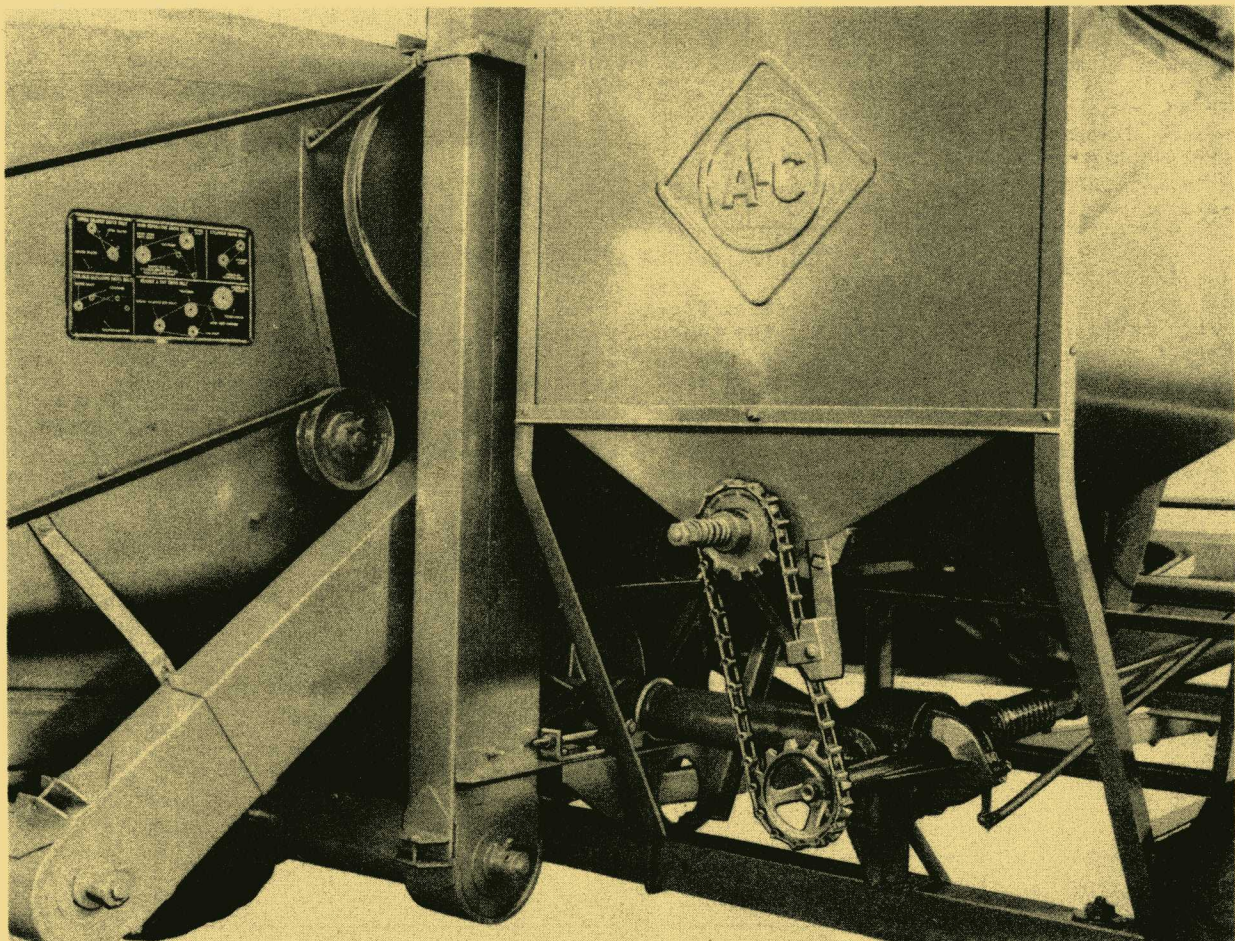
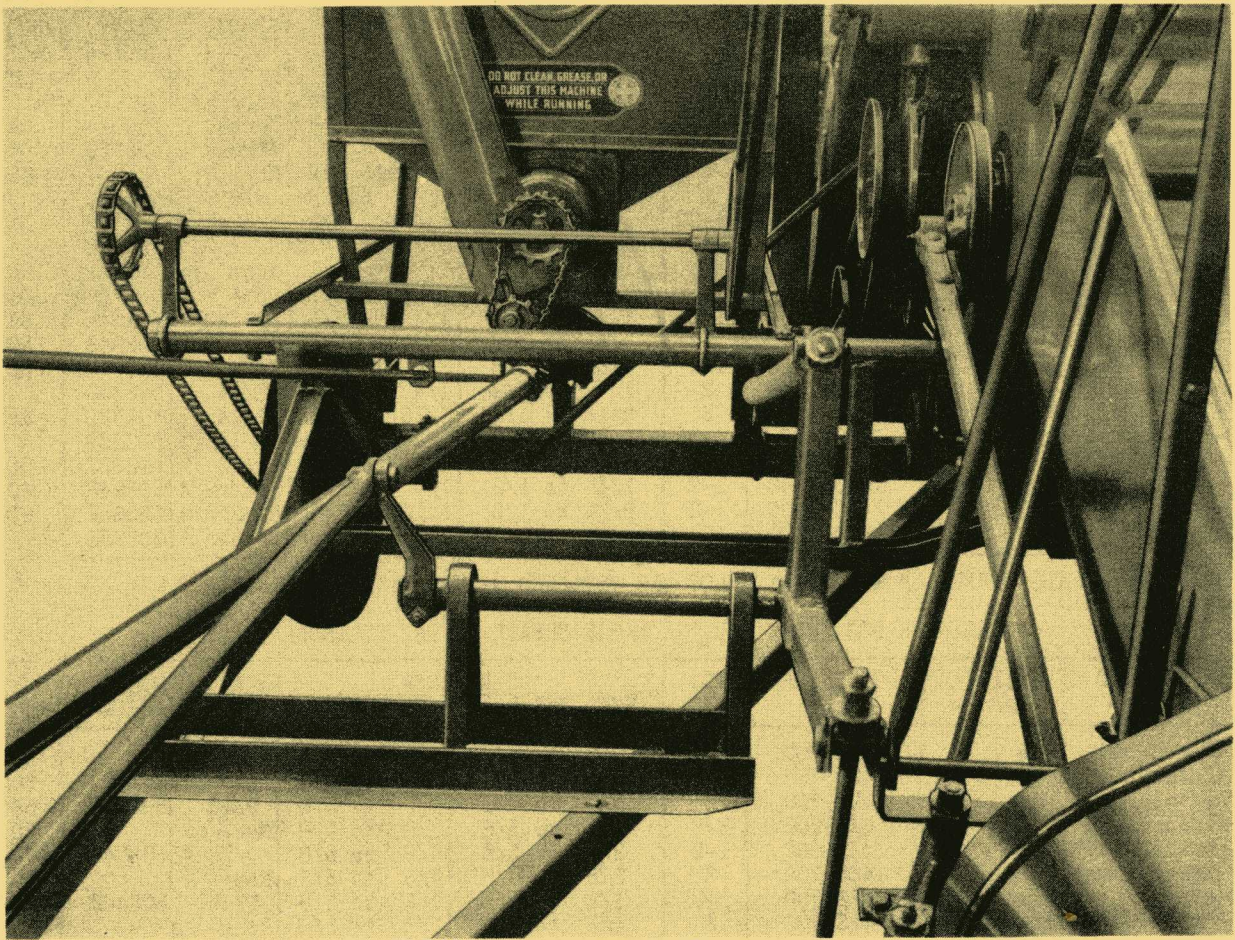
When the low range of speed is necessary the sheaves should be reversed, using the small sheave on the gear box shaft and the large sheave on the cylinder shaft.

This chart will give the amount of spacers necessary in both the driver and driven sheave to obtain the cylinder speed we recommend for the various crops given on the speed and adjustment chart.

After the desired speed of the cylinder has been determined and the spacers have been installed in each sheave, examine the cylinder drive belt tension and if too loose move the gear box back with the adjusting bolt until the belt is tight.

WITH THE LARGE SHEAVE ON THE GEAR BOX SHAFT AND THE SMALL SHEAVE ON THE CYLINDER SHAFT.			WITH THE SMALL SHEAVE ON THE GEAR BOX SHAFT AND THE LARGE SHEAVE ON THE CYLINDER SHAFT.		
CYLINDER SPEED	SHEAVE SPACERS		CYLINDER SPEED	SHEAVE SPACERS	
	LARGE	SMALL		SMALL	LARGE
900	9	5	425	13	1
1000	7	6	500	11	3
1100	7	8	600	8	5
1200	5	9	700	7	7
1300	3	9	800	5	9
1400	3	11	900	3	10
1500	3	12	1000	2	12
1600	1	12			







## SPECIAL INFORMATION ON CROPS

### (1)-ALFALFA

This crop should, as a rule, be cut and placed in a windrow of sufficient size for the harvester to handle without overload, and the Pick-Up attachment used after the hay has dried out to where the seed will hull.

However, with the hay and seed in the proper condition, this crop can be successfully handled by straight harvesting.

Use the chart for proper speed of cylinder, concave and shelling plate clearance and special sieve requirements.

Set the adjustable chaffer  $\frac{2}{3}$  open and the adjustable sieve  $\frac{1}{3}$  open. Set the wind valves about  $\frac{1}{2}$  open to start.

### (2)-BARLEY

This crop can, as a rule, be handled by straight harvesting unless infested with a weed growth, in which case it should be windrowed and Pick-Up attachment used.

Use the chart for proper speed of cylinder and for concave and shelling plate clearance. No special sieve is necessary.

Set the chaffer about  $\frac{3}{4}$  open and the adjustable sieve about  $\frac{1}{2}$  open. Set the wind valves about  $\frac{1}{2}$  open to start.

### (3)-BEETS-TABLE

This crop is usually topped by hand and placed in small bunches to dry. When thoroughly dried out, the harvester is then moved through the field and the bunches pitched onto the canvas in even feeds.

The cylinder speed should be about 1100 R.P.M. to start. This can be raised or lowered slightly to meet the threshing conditions.

Consult the chart for proper concave and shelling plate clearance and for special sieve requirements.

Set the chaffer about  $\frac{2}{3}$  open and the adjustable sieve  $\frac{1}{4}$  open. Set the wind valves about  $\frac{1}{2}$  open.

### (4)-BEETS-SUGAR

The same general setting should be used as for Table Beets except that a higher cylinder speed can be used in the majority of cases and 1200 R.P.M. should be used.

Where the stalks are very heavy and the seed shell easily one or both of the concaves can be removed to prevent breaking up the stalks.

Use the same chaffer, sieve and wind valve setting and special sieve requirements as for Table Beets.

### (5)-BEANS-FABA or HORSE

These are very large beans and are very easily cracked if extremely dry. However, as a rule, a cylinder speed of from 1100 to 1300 R.P.M. can be used and we recommend 1100 to start. If the beans are very dry this speed may need reducing to as low as 600 R.P.M.

in which case it will be necessary to reverse the cylinder drive sheaves, placing the small one on the gear box and the large one on the cylinder shaft. Consult the chart for spacer requirements to obtain the desired speed.

The cylinder should be raised to its highest point, and the shelling plate set as far forward as possible.

Set the chaffer, sieve and wind valves wide open.

### (6)-BEANS-MUNG

This crop is, as a rule, very easily handled by straight harvesting, using a cylinder speed from 700 to 1100 R.P.M. with about 900 as a good average speed to start.

Use the chart for concave and shelling plate clearance. No special sieve is necessary.

Set the chaffer  $\frac{2}{3}$  open and the sieve  $\frac{1}{3}$  open. Set the wind valves about  $\frac{2}{3}$  open.

### (7)-BEANS-SOY

There are many varieties and sizes of SOY BEANS, but the harvesting of this crop is not difficult. They are usually very easily shelled from the pod but care must be exercised in the selection of proper cylinder speed and concave clearance so as to shell properly with a minimum of bean crackage.

The condition of the rubber on the cylinder bars and the shelling plate and the amount of wear on the concave bars plays an important part in securing a minimum of crackage. These parts should be renewed if worn to any great extent.

It is necessary to use a much slower cylinder speed than for wheat, oats and many other grains and we recommend a cylinder speed of 1000 R.P.M. to start. Use both concaves with a shelling plate and concave clearance of from  $\frac{1}{2}$  to  $\frac{5}{8}$ . If this setting does not get all the beans from the pod, the shelling plate should be set closer to the cylinder bars, and if the beans do not crack easily, a higher cylinder speed can be used.

The chart on page (12) will show the amount of spacers necessary in both the driver and driven sheaves to obtain the desired cylinder speed.

In harvesting some of the Hay-Beans, the speed of the cylinder can be greatly increased over the average speed, and if dry, the concave and shelling plate clearance can be increased and one or both concaves can be removed. This is a good procedure in heavy crops where the field is heavily infested with weeds.

In harvesting the varieties of Beans which crack easily, it may be necessary to reduce the cylinder speed to prevent abnormal crackage. However, the cylinder speed should never be reduced until the following has been tried in order mentioned.



First: Increase the clearance between the shelling plate and the cylinder.

Second: Raise the cylinder, increasing the clearance between the cylinder and concaves.

Third: Remove the front concave.

After each adjustment is made, examine the straw for shelling.

As there are many kinds of Soy Beans, some of which are more easily cracked than others, and some that are small podded and hard to shell, we will not lay down a rigid set of rules to govern all cases. We are only endeavoring to give such cylinder speeds and adjustments that from field experience has covered the average conditions, trusting to the operator to study out the fundamental principles of operation and to deviate from the given speeds and adjustments to meet his particular condition.

Remember that all speeds are based on a power Take-off speed of 545 R.P.M. and this should be checked with the speed counter and the tractor governors set to give this speed with the throttle in a fixed place.

When an extremely low cylinder speed is being used and an abnormal amount of pods and vegetation has to be handled the concave extension grate cover (J) Plate 3 should be removed. This is done by removing the center bolt and loosening the other bolts which hold the cover in place. This permits the cover to be removed. Replace the center bolt and tighten the others.

Where the straw is extremely heavy and tough the cylinder bars should be placed straight across the heads to break up the straw. The cylinder and beater drive belts should be examined at regular intervals to be sure they are tight.

The upper adjustable chaffer should be run about 2/3 open and the adjustable sieve about 1/2 open.

Set the wind valves about 2/3 open to start.

The Dirt Screen Attachment number 504429 can be used if handling excessive amount of dirt. The perforated boot is interchangeable with the blank.

Use the special bean sieve, 3/8 perforations, in the lower sieve position. In case of large beans use the 7/16 perforation.

#### (8)-BEANS-VELVET

These beans are ordinarily handled by stationary work. Due to a variation in handling and drying methods, a wide variation in cylinder speed is necessary to meet the shelling conditions, and we recommend 1100 R.P.M. to start. This can either be reduced or increased to shell properly with a minimum of bean crackage.

Set the chaffer, sieve and wind valves wide open.

No special sieve is necessary.

#### (9)-BUCKWHEAT

This grain should be allowed to stand until thoroughly ripe. A cylinder speed of from 900 to 1200 R.P.M. can be used, depending on the condition of the grain. We recommend 1000 as a good average to start.

Use the chart for concave and shelling plate clearance and special sieve requirements.

Set the Chaffer 2/3 open and the adjustable sieve 1/3 open. Set the wind valves about 1/2 open.

#### (10)-CABBAGE

This crop is topped by hand and allowed to dry thoroughly. The Harvester is then moved through the field and the stalks fed to the cylinder in even feeds.

Use the chart for concave and shelling plate clearance, cylinder speed, and special sieve requirements.

Set the Chaffer 2/3 open and the adjustable sieve 1/2 open. Set the wind valves 1/3 open

#### (11)-CANE

This crop can either be topped by hand and fed into the cylinder, or bound and threshed from the shock by the use of the Topping Attachment. In using this attachment, the Harvester can be moved from one shock to the other and the vertical sickle bar used to do the topping.

Set the cylinder from 1100 to 1400, depending upon how hard the cane shells.

Use both concaves with about 3/16 to 1/2 concave clearance and 1/4 to 1/2 inch clearance on the shelling plate.

Set the Chaffer about 2/3 open

Use the regular 5/32 x 3/4 inch wheat sieve for finishing.

Set the wind valves half open.

#### (12)-CARROTS

This crop is topped and placed in small bunches to dry. The Harvester is then moved through the field and the bunches pitched onto the canvas.

The sickle drive should be disconnected and the reel removed.

Set the cylinder at from 900 to 1100 R.P.M. with a shelling plate and concave clearance of from 1/8 to 3/8 inch.

Set the chaffer 1/2 open and the adjustable sieve 1/4 open.

Use the 9/64 finishing sieve.

Use very little air.

#### (13)-CLOVER-ALSIKE

This crop can be handled very successfully by straight harvesting, unless infested with a heavy weed growth, in which case the crop should be put in a windrow of a



size which the harvester can handle without an overload.

Due to the juicy condition of the crop, the cylinder bars may become built-up to the point where it affects the cylinder balance which will cause it to vibrate. Clean the cylinder bars regularly when harvesting direct.

Consult the chart for cylinder speed, concave and shelling plate clearance and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/3 open. Set the wind valves about 1/3 open to start.

#### (14)-CLOVER-BIRDSFOOT-TREFOIL

This crop should be cut and put in a windrow of sufficient size so the Harvester can handle it without an overload. After the hay is thoroughly dry, the Pick-up Attachment is used to pick up the windrow.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/4 open. Set the wind valves about 1/4 open to start.

#### (15)-CLOVER-CRIMSON

This crop is usually harvested direct. Due to the juicy condition of the crop the cylinder bars may become built up to the point where it effects the cylinder balance, and will cause it to vibrate. Clean the cylinder bars regularly when harvesting direct.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open to start.

#### (16)-CLOVER-DUTCH

The most important thing in the harvesting of this crop is to have the hay dry and in good condition where the seed will hull easily.

This crop should be cut and put in a windrow of sufficient size that the harvester can handle without overload.

After the hay has dried out the Pick-up Attachment is used to pick up the hay and deposit it on the canvas. It is not considered good practice to start harvesting before 10 A.M. and when the day is cloudy it is sometimes necessary to wait longer.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/4 open. Set the air valves about 1/4 open to start.

#### (17)-CLOVER-GIANT ENGLISH

This crop is handled with about the same general setting as for Dutch Clover except, as a rule, more concave and shelling plate clearance can be used.

#### (18)-CLOVER-HOP

This crop should, as a rule, be cut and placed in a windrow. It can, however, be straight harvested if not infested with too great a weed growth.

Consult the chart for cylinder speed, concave and shelling plate adjustment, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve nearly closed. Set the wind valves about 1/3 open.

#### (19)-CLOVER-HUBAM

This crop is sometimes handled direct and sometimes cut and placed in small bunches and threshed as a stationary job.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/3 open and the adjustable sieve about 1/4 open. Set the wind valves about 1/3 open.

#### (20)-CLOVER-LADINO

Use the same general setting as for Dutch Clover (16).

#### (21)-CLOVER-PERSIAN

This crop is handled by direct Harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve about 1/3 open. Set the wind valves about 1/4 open.

#### (22)-CLOVER-RED

This crop is handled with the same general setting and instructions as Dutch Clover except that it may require less concave clearance and the 1/12 special sieve is used.

#### (23)-CLOVER-SWEET

This crop is very easily shelled, but due to the heavy growth, much material has to be handled.

Consult the chart for cylinder speed, concave and shelling plate clearance and special sieve requirements.

If the crop is extremely heavy, or infested with weeds, remove every other cylinder bar.

Set the chaffer about 2/3 open and the adjustable sieve about 1/3 open. Set the air valves about 1/2 open.

#### (24)-CLOVER-WHITE

Use the same general setting and instructions as for Alsike Clover. (13)

#### (25)-CORN-BROOM

This is handled, as a rule, if the crop is wanted for seed only. In this case the crop is topped and the Harvester either moved through the field and the tops pitched onto the canvas draper, or the tops hauled to the machine.

Use a cylinder speed of from



1200 to 1600 R.P.M., using both concaves with from 3/8 to 1/2 inch clearance on both the concaves and the shelling plate.

Set the chaffer about 2/3 open and the adjustable sieve about 1/3 open. Set the wind valves about 1/2 open.

Use the regular 5/32 x 3/4 finishing sieve.

(26)-CORN-Gyp

This crop is handled with the same general setting as Maise (58) except that the cylinder speed can usually be higher.

(27)-CORN-POP

This crop can be handled by straight Harvesting or by threshing from the shock.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer, sieve and wind valves wide open.

(28)-CROTOLARIA

This crop is used as a soil builder and has to be harvested at the proper time or heavy shattering will take place.

The cylinder should be set at from 700 to 1200 R.P.M. with 1000 a good average to start.

The shelling plate and concave clearance should be about 1/2 inch to start but can be increased if crop shells easily.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the wind valves about 1/2 open.

Use the regular 5/32 x 3/4 finishing sieve, or 3/16 round hole.

(29)-FENUGREEK

This crop should be cut and put in a windrow of sufficient size for the Harvester to handle without overload.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the wind valves about 2/3 open.

(30)-FLAX

The harvesting of this crop is not difficult if ripe and in condition to Harvest.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/4 open. Set the wind valves about 1/2 open.

(31)-FUZZY CHEAT

This crop is handled by direct Harvesting.

Consult the chart for cylinder speeds, concave and whelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve about 1/3 open. Set the air valves nearly closed.

(32)-GRASS-BLUE or JUNE

When this crop is ready to harvest, the stems which carry the seed stand above the green grass which is the part of the crop used for hay. The seeds can be taken from the hay by cutting high or the whole plant can be put through by cutting it low. This will remove the seed and leave the hay in a windrow to be picked up after curing.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Use very little air.

(33)-GRASS-BIG BLUE STEM

This crop is usually handled by direct Harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/4 open. Close the wind valves completely.

(34)-GRASS-BROME

This grass is very light but is easily handled by direct Harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/4 open. Use very little air.

(35)-GRASS-BERMUDA

This crop is usually handled by direct harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open.

(36)-GRASS-CANARY

The High Lift Header assembly should be used on this crop.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Use very little air.

(37)-GRASS-CARPET

This grass is, as a rule, very tough and the sickle sections and ledger plate



should be in good shape.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/4 open. Use very little or no air.

(38)-GRASS-CANADIAN RYE

The sickle sections and ledger plates should be in good shape to handle this crop.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/4 open. Use very little air.

(39)-GRASS-CRESTED WHEAT

This crop is handled by direct Harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Use very little air.

(40)-GRASS-DALLIS

This crop is handled by direct Harvesting. The seed is very light and ripens uneven. If, however, the grass is very dry, it may be necessary to install a set of slats on the straw rack to prevent an excessive amount of material from going on the sieves.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Use no air.

(41)-GRASS-ENGLISH RYE

Use the same general setting as for Canadian Rye Grass (38).

(42)-GRASS-GRAMMA

This crop is handled by direct Harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/4 open. Use very little or no air.

(43)-GRASS-JOHNSON

This crop can be handled by direct Harvesting or can be windrowed and the Pick-up Attachment used.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/2 open.

(44)-GRASS-ORCHARD

This crop is very easily handled by direct harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/4 open. Use very little air.

(45)-GRASS-RHODES

This is extremely light seed and is handled by direct Harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Use no air.

(46)-GRASS-SUDAN

This crop is handled with about the same general setting as Johnson Grass.(42)

(47)-GRASS-SAND DROP

This crop can be handled by direct harvesting if the crop is ripe and free of weeds.

Consult the chart for cylinder speed, concave and shelling plate clearance and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/3 open.

Shut off all air.

(48)-GRASS-WESTERN WHEAT

This crop is handled with about the same general setting as for Crested Wheat Grass (39), except that a higher cylinder speed can be used.

(49)-HEGARI

This crop is handled either by direct Harvesting using the High Header Lift attachment, or, by threshing from the shock using the topping attachment.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 3/4 open and the adjustable sieve 1/2 open. Set the air valves about 2/3 open.

(50)-KAFFIR

Use the same general setting as for Hegari (49) except that the cylinder speed can in most cases be somewhat higher.

(51)-LESPEDEZA-KOREAN

This crop can be handled very successfully by direct harvesting using the Lespedeza Guard Assembly No. 504872. If the crop is weedy set the cylinder speed to the highest given on the speed chart.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open



and the adjustable sieve 1/3 open. Set the air valves about 1/3 open.

(52)-LESPEDEZA-KOBE

Use the same general setting as for Korean Lespedeza (51).

(53)-LESPEDEZA-SERICEA

This crop is very easily shelled, as a rule, and we recommend the removal of one concave to start. If the crop has been hit by a frost it may be necessary to raise the cylinder to its highest point and move the shelling plate as far forward as the slots in plate will permit.

If the condition of the stalk is such that it powders to the point where the sieves are overloaded, remove every other bar from the cylinder.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open to start.

(54)-LESPEDEZA-TENN. "76"

Use the same general setting as for Korean Lespedeza (59).

(55)-LETTUCE

Use the same general setting and instructions as for Carrots (12).

(56)-MILLET-COMMON

Use the same general setting as for Wheat (81) except use a 9/64 special sieve in the lower position.

(57)-MILLET-HOG or PROSO

Use the same general setting as for Common Millet (56).

(58)-MAIZE

Use the same general setting as for Kaffir (50).

(59)-MUSTARD

This crop is handled by direct Harvesting. If the crop is extremely heavy, the high range of cylinder speed should be used. Raise the cylinder to its highest point and move the shelling plate well forward.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/2 open.

(60)-OATS

This crop can be handled by direct Harvesting unless infested with a heavy weed growth, in which case it should be windrowed and a pick-up Attachment used after the weeds and grain thoroughly dried out.

Consult the chart for cylinder speed, concave and shelling plate clearance. No special sieve is needed.

Set the chaffer about 3/4 open and the adjustable sieve 1/2 open. Set the air valves about 2/3 open.

(61)-ONION

This crop is topped at a cer-

tain stage of maturity and spread out in a dry shed until the seed is thoroughly dry.

The Harvester is then used as a stationary unit and the tops pitched onto the canvas draper in even feeds.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open and the adjustable sieve 1/4 open. Set the air valves about 1/2 open.

(62)-OKRA

The pods of this crop are cut, and, after drying out thoroughly, are threshed as a stationary job.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/2 open. Set the air valves 2/3 open

(63)-PEAS-ALASKA

This crop shells very easily; therefore, a low cylinder speed is required. The rubber on the cylinder bars and the concave and shelling plate rubber should be in good shape to prevent crackage.

Consult the chart for cylinder speed, concave and shelling plate clearance, No special sieve is required.

Set the chaffer about 3/4 open and the adjustable sieve 1/2 open. Set the air valves about 2/3 open.

(64)-PEAS-AUSTRALIAN FIELD

This crop should be windrowed of a size which the Harvester can handle without overload. The Pick-up Attachment is then used to pick up the windrows.

Consult the chart for cylinder speed and concave and shelling plate clearance. No Special sieve is necessary.

Set the chaffer about 2/3 open, and the adjustable sieve 1/2 open. Set the air valves about 2/3 open.

(65)-PEAS-LADY

This crop is, as a rule, very easily shelled and the removal of one concave is recommended to start.

Consult the chart for cylinder speed and the concave and shelling plate clearance. No special sieve is required.

Set the chaffer, sieve and wind valves wide open.

(66)-POPPY

Use the same general setting as for Mustard (57).

(67)-RICE-COMMON

Many problems are encountered in the harvesting of this crop. In the first place, the grain must be either allowed to stand until thoroughly ripe, or, put in wind-



rows and the Pick-up Attachment used when the grain is dry and ready to thresh.

Consult the chart for cylinder speed, concave and shelling plate clearance. No special sieve is required.

Set the chaffer about 2/3 open and the adjustable sieve 1/2 open. Set the air valves about 1/2 open.

(68)-RICE-RED

This crop is handled with somewhat lower cylinder speed than Common Rice. We recommend a speed of 1000 R.P.M.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Use the same chaffer, sieve, and wind setting as for Common Rice.

(69)-RYE

Use the same setting and general instructions as for wheat (80).

(70)-RED TOP

This crop is handled by direct harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Close the wind valves completely. If it is necessary to further shut off the wind blast, cover the fan opening.

(71)-SAFFLOWER

This crop is handled by direct harvesting. Consult the chart for cylinder speed, concave and shelling plate clearance and special sieve requirements.

Set the chaffer about 2/3 open, and the adjustable sieve 1/2 open. Set the air valves about 1/2 open to start.

(72)-SPELT

Use the same general setting as is used for Oats (60).

(73)-SAGRAIN

Use the same general setting as is used for Kaffir (50).

(74)-SORGO

Use the same general setting as is used for Kaffir (50).

(75)-SUNFLOWER

This crop is topped and bunched and after the heads have dried out thoroughly, the Harvester is moved through the field and the tops pitched onto the canvas draper.

Consult the chart for cylinder speed, concave and shelling plate clearance. No special sieve is required.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open.

(76)-SPINACH

This crop is easily handled by direct harvesting. The seed should be thoroughly ripe before harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open.

(77)-TIMOTHY

This crop is handled by direct harvesting and should be thoroughly ripe.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open.

(78)-TOBACCO

This crop is topped at a certain stage of maturity and stored until thoroughly dry and then fed to the Harvester which is used as a stationary unit.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 1/2 open, and the adjustable sieve 1/3 open. Use no air.

(79)-TURNIP

This crop can be handled very easily by direct harvesting.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/2 open.

(80)-VETCH

Use the same general setting as for wheat (81).

(81)-WHEAT

As a rule this crop can be handled with a cylinder speed of 1600 R.P.M. If, however, the grain is easily cracked, a lower speed may be necessary.

In case of grain crackage, the concave and shelling plate clearance should be increased before the cylinder speed is reduced

Use both concaves with a concave and shelling plate clearance of from 5/16 to 1/2 inch.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves 1/2 open.

Use the 5/32 x 3/4 finishing sieve.



(82)-ZINNIA

This crop can either be handled by direct harvesting or can be cut by hand and the tops pitched onto the canvas. The crop should be dry and in good condition.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/2 open. Use no air.

(83)-BEANS-BOUNTIFUL

These beans are, as a rule, very easily handled and are also very easy to crack.

The cylinder driving and driven sheaves should be reversed, placing the small one on the gear box shaft and the large one on the cylinder shaft.

Consult the chart for cylinder speed and concave and shelling plate clearance. No special sieve is necessary.

Set the chaffer, sieve and air valves wide open.

(84)-BEANS-BLACK EYE

These beans are very easy to crack. Therefore, it is necessary that the cylinder bar rubber, the rubber concaves, and the shelling plate rubber be in good shape.

The cylinder driving and driven sheaves should be reversed, placing the small sheave on the gear box shaft and the large one on the cylinder shaft.

Consult the chart for cylinder speed, concave and shelling plate clearance. No special sieve is required.

Set the chaffer about 3/4 open and the adjustable sieve 1/2 open. Set the air valves wide open.

(85)-BEANS-BABY LIMA

This crop is usually raised as a row crop. A knife cutter is used to pull the beans, taking two rows at a time. The Pick-up attachment is then used to pick up the beans.

The size of the windrow should be such that it will not overload the machine. The growth of the beans determines the number of rows that can be put into a windrow.

The beans should be thoroughly dry before harvesting.

The cylinder driving and driven sheaves should be reversed, putting the small sheave on the gear box shaft and the large one on the cylinder shaft.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

Set the chaffer about 3/4 open and the adjustable sieve 1/2 open. Set the air valves about 3/4 open.

The Dirt Screen Attachment number 504429 can be used if handling excessive

amount of dirt. The perforated boot is interchangeable with the blank.

Due to the amount of dirt the machine has to handle, it should be greased at least twice daily to keep a grease seal around the bearings.

Some varieties of beans have a vine which clings to the straw rack slats, retarding the movement of the straw. If this be the case, nail slats length-ways of the rack.

(86)-BEANS-CLAY BANK

Use the same general setting as is used for Baby Lima Beans. (85)

(87)-BEANS-CRANBERRY

Use the same general setting as is used for Baby Lima Beans. (85)

(88)-BEANS-EBONY

These beans are handled with about the same general setting as is used for Bountiful Beans (83) except that a higher cylinder speed can be used. We recommend 600 R.P. M. to start.

(89)-BEANS-GREAT NORTHERN

Use the same general setting as is used for Baby Lima Beans. (85)

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

(90)-BEANS-GARVANZA

The cylinder driving and driven sheaves should be reversed, placing the small one on the gear box shaft and the large one on the cylinder shaft.

Consult the chart for cylinder speed, concave and shelling plate clearance. No special sieve is required.

Set the chaffer and adjustable sieves nearly wide open. Set the wind valves about 2/3 open.

(91)-BEANS-ITALIAN

Use the same general setting as is used for Baby Lima Beans. (85)

(92)-BEANS-KENTUCKY WONDER

Use the same general setting as for Baby Lima Beans. (85)

(93)-BEANS-KIDNEY

Use the same general setting as is used for Baby Lima Beans. (85)

(94)-BEANS-NAVY

This crop is raised very similar to Baby Lima Beans and the same general setting can be used.

Consult the chart for cylinder speed, concave and shelling plate clearance, and special sieve requirements.

See chart on spacer requirement for the proper amount of spacers and the location of the sheaves.

The Dirt Screen Attachment number 504429 can be used if handling excessive amount of dirt. The perforated boot is inter-



changeable with the blank.

(95)-BEANS-PINTO

This crop is raised and handled very much like Baby Lima Beans. The windrows should be of such size that they will not overload the Harvester.

Consult the chart for cylinder speed, concave and shelling plate clearance.

Due to the amount of dirt which passes through the machine daily, it is necessary to grease it at least twice daily.

(96)-BEANS-RED MEXICAN

This crop is handled about the same as Baby Lima Beans. (85)

Consult the chart for cylinder speed, concave and shelling plate clearance.

(97)-PARSNIP

This crop is very easily handled. Consult the chart for cylinder speed and concave and shelling plate clearance. Remove every other cylinder bar.

Set the chaffer about 1/3 open and the adjustable sieve 1/4 open. Shut off all air and close the fan house openings with sheet metal, or, remove the fan wings.

(98)-PEAS-COW

This crop is, as a rule, very easily cracked and the low speed of 425 R.P.M. on the cylinder should be used.

The driving and driven sheaves should be reversed, placing the small sheave on the gear box shaft and the large one on the cylinder shaft.

Consult the chart for concave and shelling plate clearance and special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/2 open. Set the air

valves about 1/2 open.

If the peas shell easily it may be possible to remove every other cylinder bar and use no concaves.

(99)-PEAS-CHINESE RED

This crop is handled with the same general setting as is used for Baby Lima Beans. Use a 5/16 special sieve.

(100)-PEAS-TABLE

Set the cylinder to the low speed of 425 R.P.M. To do this, reverse the cylinder driving and driven sheaves, placing the small sheave on the gear box shaft and the large one on the cylinder shaft.

Consult the chart for concave and shelling plate clearance. No special sieve is required.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/2 open.

(101)-PEAS-WHIPOORWILL

Use the same general setting as is used for Cow Peas (98) except that the concave and shelling plate clearance may have to be reduced. See the chart for our recommendations on this crop.

(102)-RADISH

This crop is topped, and, after thoroughly dry, is hauled to the Harvester and threshed as a stationary job.

The cylinder speed should be to the low point of 425 R.P.M. and 16 cylinder bars should be used.

Consult the chart for concave and shelling plate clearance and for special sieve requirements.

Set the chaffer about 2/3 open and the adjustable sieve 1/3 open. Set the air valves about 1/3 open.

#### STORAGE OF MACHINE

When the season's work with the Harvester is over, a little care of the machine will prolong its life and reduce the labor required in getting the machine ready for the next harvest.

The machine should be cleaned thoroughly, both inside and out, allowing no accumulation of chaff and dirt to remain in, any pocket on the machine.

The machine should be greased thoroughly, filling every bearing until some grease works out around the shaft. Oil all the chains with heavy oil. This can be done on the elevators by opening the top of the elevator and pouring oil on the chain as the machine runs slowly. The grain drag chain can be oiled at the rear of the machine.

Grease the sickle and guards with a heavy oil.

Remove all belts and store in a dry place.

Remove the canvas drapers and examine for any necessary repairs. They should be rolled up and covered and placed in a dry shed for storage.

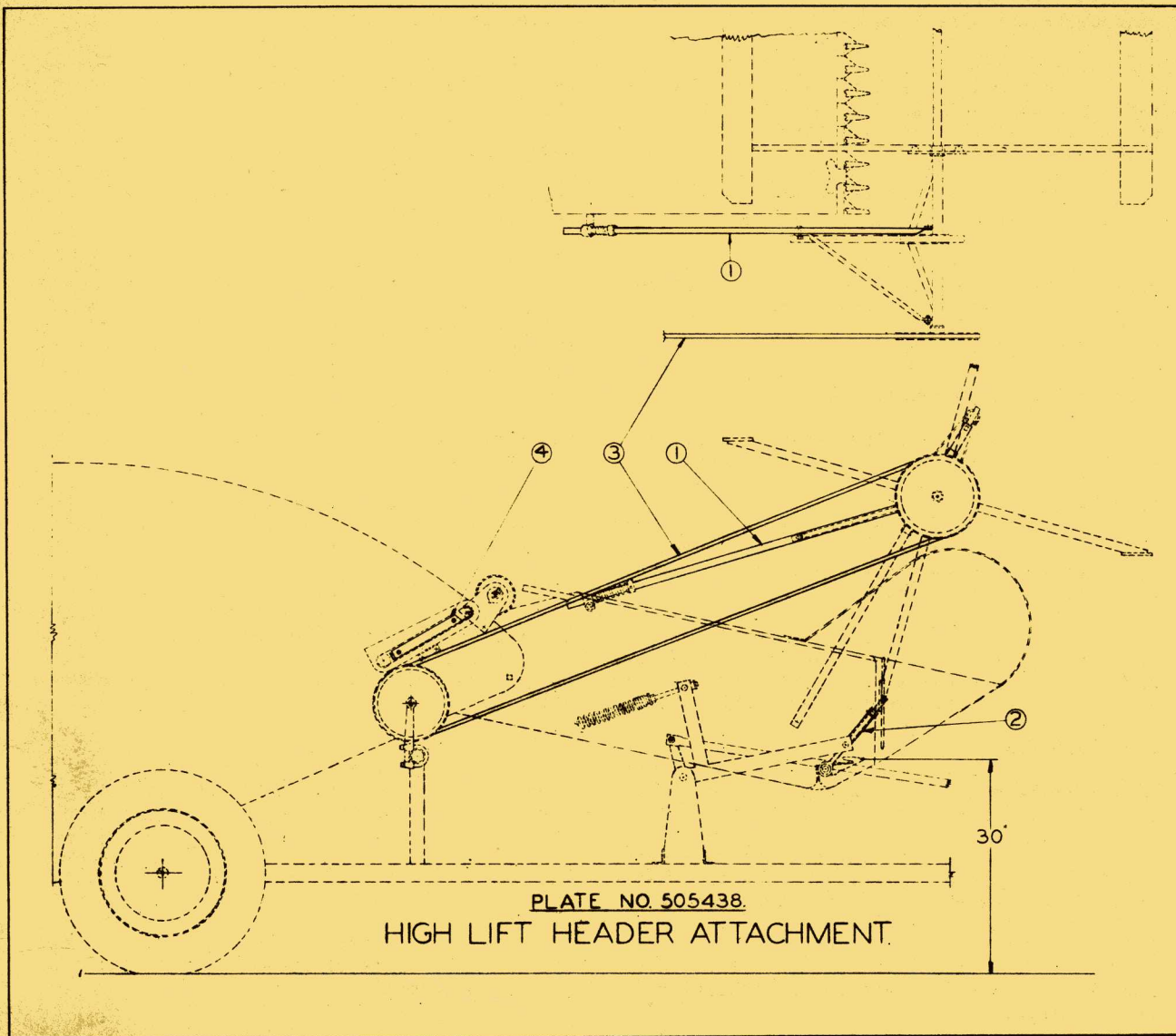
Paint all parts where the original paint has worn off.

If possible, store the machine in a good shed, otherwise, it should be covered with a water-proof cover to prevent water from getting into the fan house, cylinder housing, or other pockets.

Block the header up under each end of the cutter bar and release the tension on the header lift spring. Block up under the main axle so as to relieve the weight on the tires.

Check the machine over carefully and make a list of any parts which need renewing. Order these in plenty of time to be installed before the next harvest.





MATERIAL LIST FOR HIGH LIFT HEADER ATTACHMENT

(Plate 505438)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	505438	1	High Lift Header Attachment	4	504632	1	Floating Frame Draper Shield
1	505439	1	Adj. Reel Adjusting Arm			1	Instruction Diagram
2	505440	1	Header Adj. Screw Spacer		T-8	1	Instruction Diagram Envelope
3	502436	1	Reel Belt		910548	24"	14 Ga. Blk. Annealed Wire

INSTRUCTIONS FOR ATTACHING

Install the Header Adjusting Arm (1) per shield (4) in the Floating frame as shown.  
Screw Spacer (2) as shown.

Install the Floating frame draper shield (3). Install the new reel drive belt



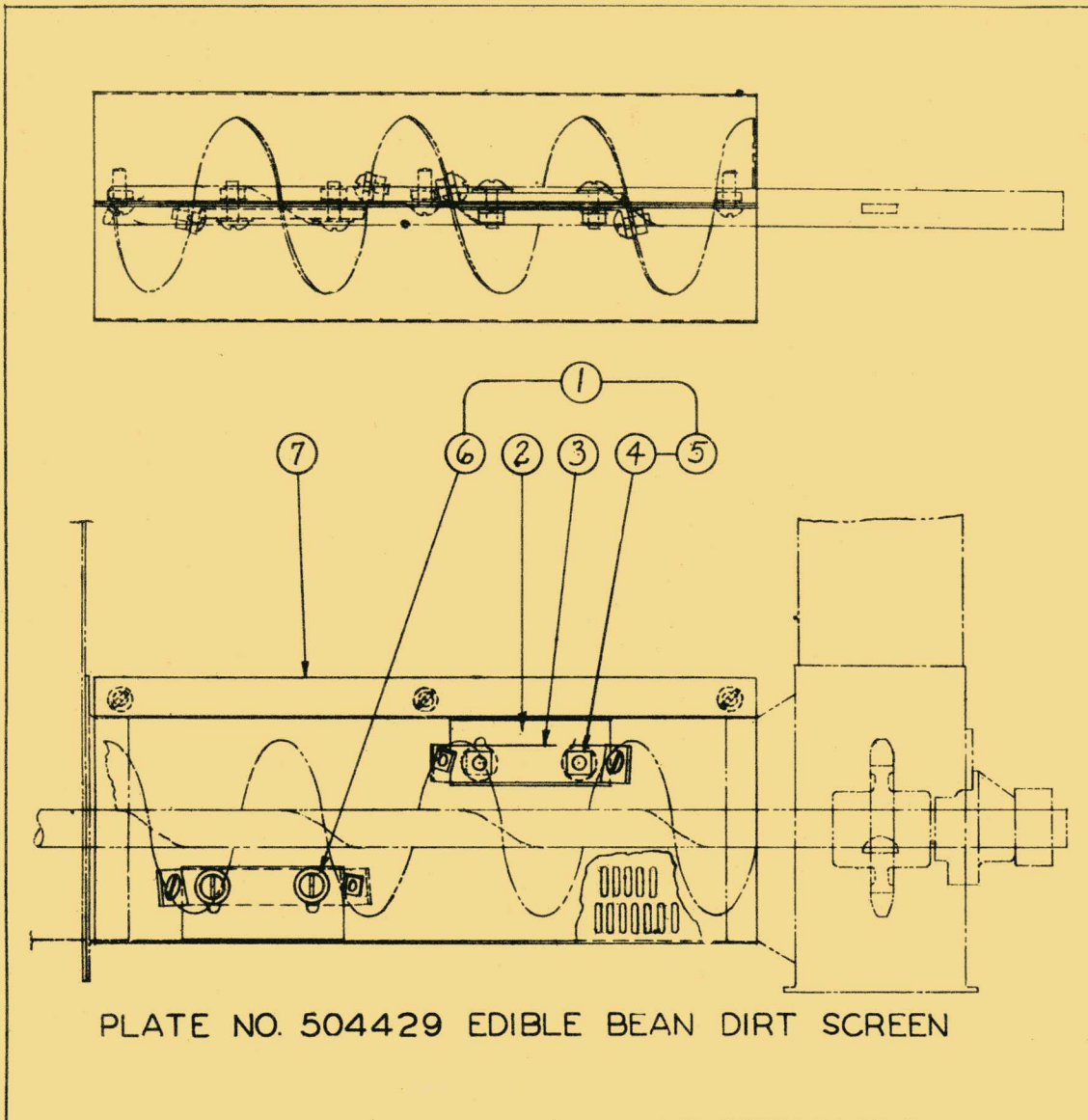


PLATE NO. 504429 EDIBLE BEAN DIRT SCREEN

EDIBLE BEAN DIRT SCREEN ATTACHMENT  
(Plate 504429)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	504429	1	Edible Bean Dirt Screen Attachment	4	904478	8	1/4x5/8 R.H. Stove Bolts
1	504308	1	Weed Screen Wiper Attachment	5	910285	11	1/4 Lockwashers
2	504309	2	Weed Screen Wiper	6	900816	4	1/4 Standard Washers
3	504310	2	Wiper Clip	7	503025	1	Weed Screen 7/64x5/8 Perforation.

INSTRUCTIONS FOR ATTACHING

The Edible Bean Dirt Screen attachment No.504429 includes items 1 to 7 inclusive.

The Weed Screen Wiper attachment No.504308 includes items 2 to 6 inclusive.

To install this attachment, remove the original auger boot. Install the wipers

on the auger at the holes provided. Replace the original boot with the weed screen (7). The wipers should barely rub the screen.

This attachment is ordinarily used when Harvesting beans where excessive amounts of dirt have to be handled.

SPECIAL ATTACHMENTS



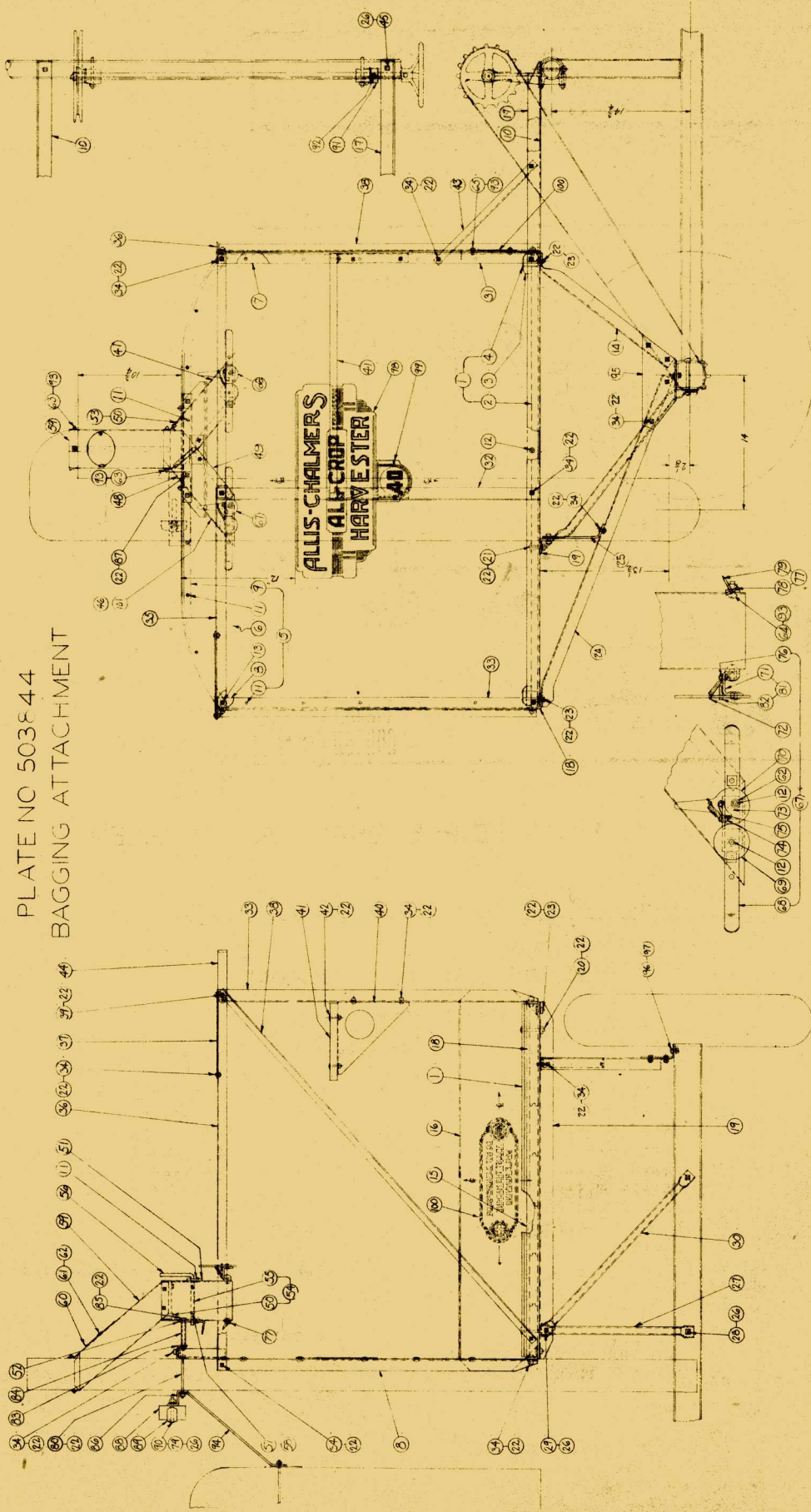


PLATE NO 503&44  
BAGGING ATTACHMENT



INSTRUCTIONS FOR ATTACHING

Install the outer support gusset (95) with braces (14) and (24) in place as shown.

Install the center cross rail (19) in place together with the braces (27) and (30). Install support strut (25) as shown.

Install the Back assembly (5) as shown, bolting it to the front cross tube and the center cross rail.

Install the front and rear cross rails. Install the rear frame which consists of rear post (33), rear diagonal brace (38), and top cross rail (36).

Install the front frame which consists of outside front post (31), top cross rail (36), diagonal brace (38) and, the front

shield (16).

Bolt the outside frame Consisting of outer top rail (35), outside center post (32), and the seat back (44) in place. Bolt the front outside diagonal brace (43) in place as shown.

Bolt the two seat brackets (40) and the seat (41) in place as shown.

Install the tie brace (94), the elevator clamp bracket (86), and the bagger support angle. Install the bagger head assembly as shown. Bolt the chain slide block in place as shown.

The 3/4 set collar (91) is provided to hold the reel counter shaft in place.

MATERIAL LIST FOR BAGGING ATTACHMENT  
(Plate 503844)

Item	Part No.	Qty.	Name
-	503844	1	Bagging Attach.(Complete less Items 77 to 79 Inc.)
1	503378	1	Platform Assem.(Includes next 3 Items)
2	503379	1	Platform
3	503380	2	Cleats
4	910907	42	5d Box Nails
5	503845	1	Back Assem.(Includes next 8 Items)
6	503846	1	Back Sheet
7	503847	1	Inside Post - Front
8	503848	1	Inside Post - Rear
9	503849	1	Inside Top Rail
10	503850	1	Bottom Rail Inside
11	910516	21	3/16x7/16 W.B.H. Rivets
12	910282	6	3/16x1/2 W.B.H. Rivets
13	910925	10	5/16x3/4 W.B.H. Rivets
14	504064	1	Support Angle - front Outer
15	504059	1	Rail
16	504060	1	Shield
17	503851	1	Bottom Rail Outside
18	504061	1	Cross Rail Lower Rear
19	503391	1	Cross Rail Center
20	910427	2	5/16x2-1/4 Carriage Bolts
21	910423	2	5/16x1-1/2 Carriage Bolts
22	910286	48	5/16 Lockwashers
23	910419	8	5/16x3/4 Carriage Bolts
24	504062	1	Support Angle - Rear Outer
25	504065	1	Support Strut - Outer
26	910287	5	3/8 Lockwashers
27	503393	1	Inside Support
28	910577	1	3/8x3-3/4 Machine Bolt
29	910289	1	3/8x1-1/4 Machine Bolt
30	503394	1	Platform Brace
31	503852	1	Front Post Outside
32	503853	1	Center Post Outside
33	503854	1	Rear Post Outside
34	910303	25	5/16x3/4 Machine Bolts
35	503855	1	Top Rail Outside
36	503857	2	Top Cross Rail
37	503861	1	Corner Tie Strap
38	503858	2	Diagonal Brace Front & Rear
39	910553	3	5/16x1 Machine bolts
40	503859	2	Seat Bracket
41	503860	1	Seat
42	910422	4	5/16x1-1/4 Carriage Bolts
43	503862	1	Front Outside Diagonal Brace
44	503856	1	Seat Back
45	910576	2	3/8x2-3/4 Machine Bolts
46	503864	1	Bagger Head Assem.(Includes next 18 Items,also 11,64,66,67,77, and 93)
47	503410	1	Front Leg
48	503411	1	Rear Leg
49	503412	1	Bottom
50	911200	6	3/16x4/16 Tubular Rivets
51	503413	1	Valve Plate
52	504299	1	Holder Plate
53	503415	2	Valve Stop
54	503416	1	Valve Assem.(Includes Items 50 & 55)



MATERIAL LIST FOR BAGGING ATTACHMENT, Cont'd.

(Plate 503844)

Item	Part No.	Qty.	Name
55	503417	1	Valve
56	500476	1	Valve Pivot
57	900852	2	3/16x3/4 R.H. Stove Bolts
58	910284	2	3/16 Lockwashers
59	503865	1	Spout
60	503419	1	Spout Door
61	907168	1	4# T. T. Rivet
62	910531	3	3/16 Rivet Burrs
63	900863	7	1/4x1/2 R.H. Stove Bolts
64	904478	8	1/4x5/8 R.H. Stove Bolts
65	910299	4	1/4x3/4 Machine Bolts
66	504300	1	Bag Holder Front Assem. R.H.(Includes next 11 Items,also 12 & 62) Used on 40-6200 & Prior
	505859	1	Bag Holder Front Assem. R.H.(Includes next 11 Items,also 12 & 62) Used on 40-6201 & Since
67	504301	2	Bag Holder Front Assem. L.H.(Includes next 5 Items,also 12,62,74,75, & 76) Used on 40-6200 & Prior
	505860	2	Bag Holder Front Assem. L.H.(Includes next 5 Items,also 12,62,74,75, & 76) Used on 40-6201 & Since
68	504292	2	Bag Holder - Front
69	504289	2	Bag Holder Disc
	504290	2	Bag Holder Trigger Used on 40-6200 & Prior
70	505820	2	Bag Holder Trigger Used on 40-6201 & Since
71	504293	2	Bag Holder Bracket
72	504302	2	Trigger Spring
73	910280	4	3/16x3/8 W.B.H. Rivets
74	900552	2	#8x3/8 R.H. Machine Screw 32NC-2
75	910283	2	#8 Lockwashers SAE Heavy
76	900418	2	#8-32 Brass Hex. Nuts Used on 40-6200 & Prior
	907154	2	#8-32 Brass Hex. Nuts Used on 40-6201 & Since
77	504303	2	Bag Holder Rear Assem.(Includes next 2 Items)
78	504291	2	Bag Holder Rear
79	912747	4	#10x1 Barbed Roof Nails 1/2" Dia. Head
80	912797	1	5/16x4-1/4 Machine Bolt
81	505821	2	Bag Holder Bracket Assem.(Includes Items 82 & 71) Used on 40-6201 & Since
82	505822	2	Bag Holder Trigger Stop Used on 40-6201 & Since
83	503863	1	Bagger Support Angle
84	S5D-5387	2	Bagger Head Spacer - 1/4 Std. Blk. Pipe, 2-15/16 Long
85	910564	2	5/16x3-3/4 Machine Bolts
86	502925	1	Elevator Clamp Bracket
87	912382	1	5/16x4 Machine Bolts
88	504066	1	Chain Slide
89	502926	1	Chain Guide Used on 40-6200 & Prior
	505708	1	Chain Guide Used on 40-6201 & Since
90	910450	1	3/8x2-1/4 Carriage Bolt
91	500005	1	3/4" Set Collar
92	910544	1	1/2x1/2 Dardet Set Screw
93	910285	19	1/4 Lockwashers
94	503866	1	Body To Elevator Tie Brace Used on 40-6200 & Prior
	505791	1	Body To Elevator Tie Brace Used on 40-6201 & Since
95	504063	1	Support Gusset - Outer
96	910606	1	7/16x1 Machine Bolt
97	904207	1	7/16 Lockwasher
98	504056	1	All-Crop Harvester Transfer
99	504058	1	Model 40 Transfer
100	504274	1	Safety Transfer
101	505868	1	Bagger Hd. Assem.(Includes Items 47 to 54 Inc; 56 to 58 Inc; also Item 11) Used on 40-6201 & Since

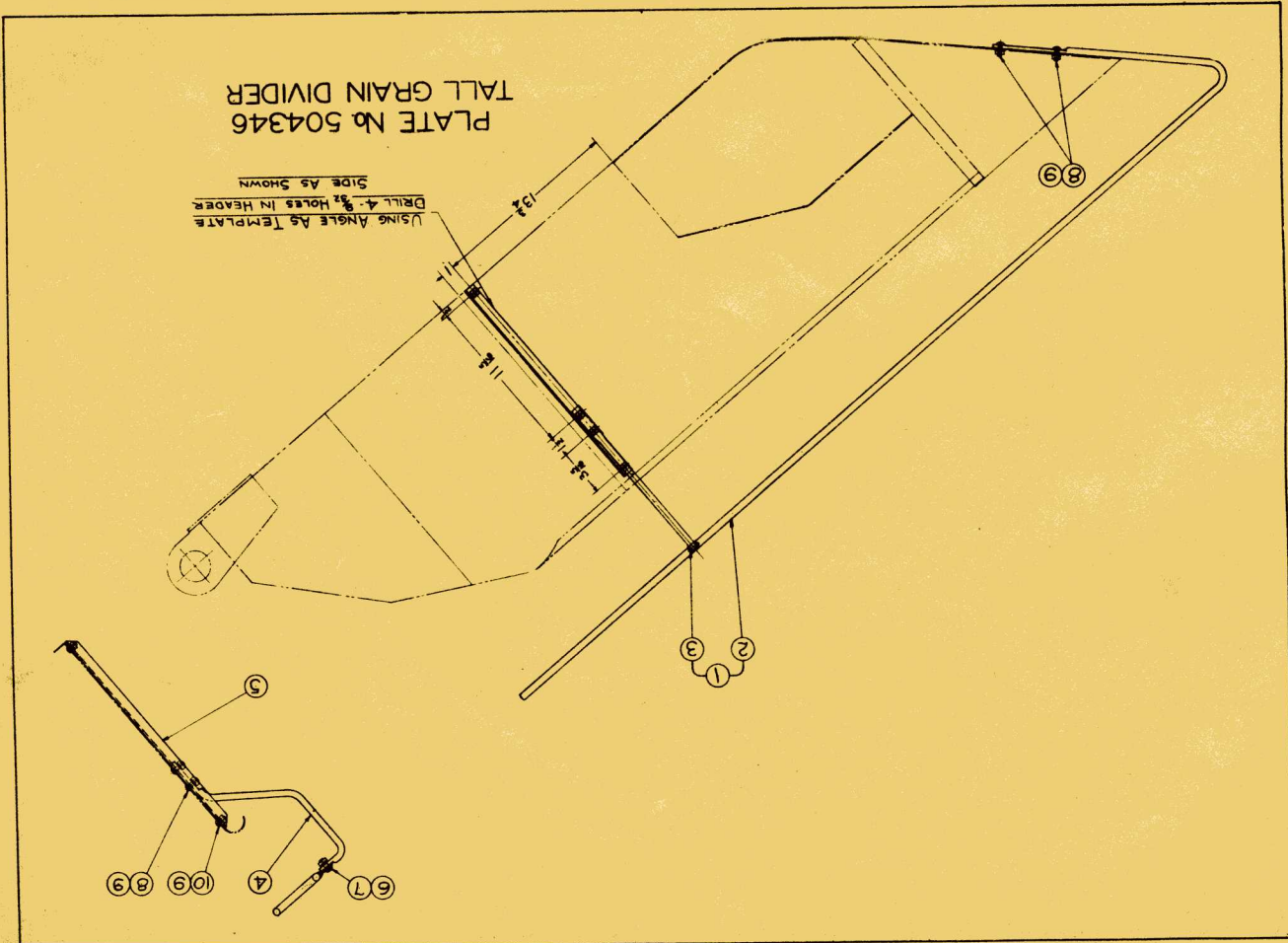


Locate the divider angle (5) with the dimensions as shown in figure; drill 4-9/32 holes in the header side and bolt angle to header.  
 Bolt the divider support (4) in the original divider and is ordinarily used in exceptionally tall grain. The tall grain divider replaces the original divider and is ordinarily used in place as shown.

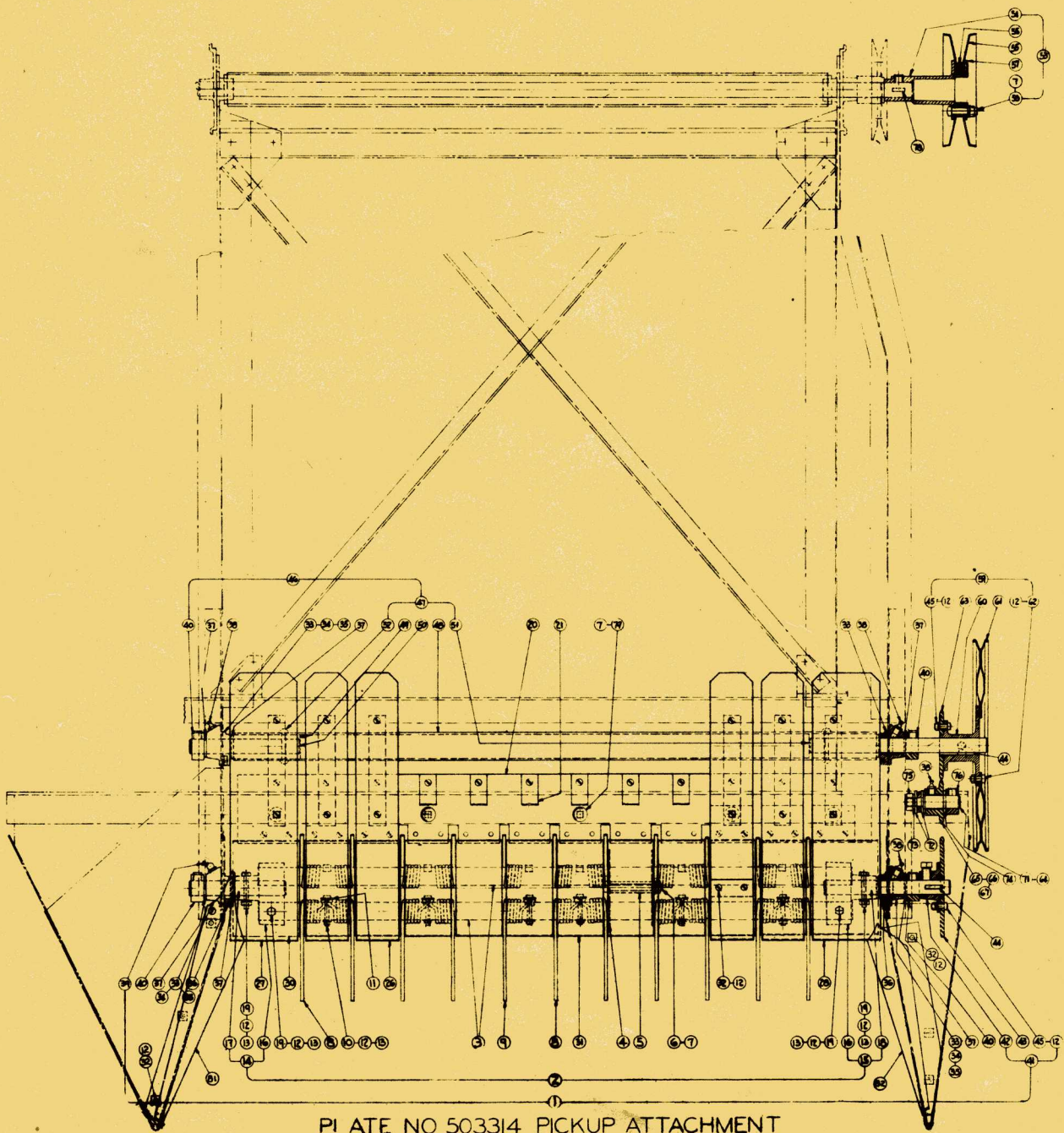
INSTRUCTIONS FOR ATTACHING

Item Part No.	Qty.	Name
504346	1	Tall Grain Divider Attach.
504347	1	Tall Grain Divider Assem.
504348	1	Tall Grain Divider
504349	1	Tall Grain Divider Clip
504351	1	Tall Grain Divider Support
504350	5	Tall Grain Divider Angle
901353	6	5/16x3/4 Rd. Hd. Stove Bolt
904205	7	5/16 Lockwasher
900865	8	1/4x3/4 Rd. Hd. Stove Bolts
904204	6	1/4 Lockwashers
904476	2	1/4x3/8 Rd. Hd. Stove Bolts

MATERIAL LIST FOR TALL GRAIN DIVIDER ATTACHMENT  
 (Plate 504346)







PI ATE NO 503314 PICKUP ATTACHMENT



ROTOR TYPE PICK-UP NO.503314

INSTRUCTIONS FOR ATTACHING

Remove the sickle pitman, sickle and guards. To install the Rotor and guard assembly, remove the end guards and end bands and the L.H. stub shaft (18). Insert the R.H. stub shaft in the R.H. header side, lining the left end of the rotor with the hole in the L. H. header side. Replace the stub shaft, end bands, and end guards. Bolt the assembly to the cutter bar angle.

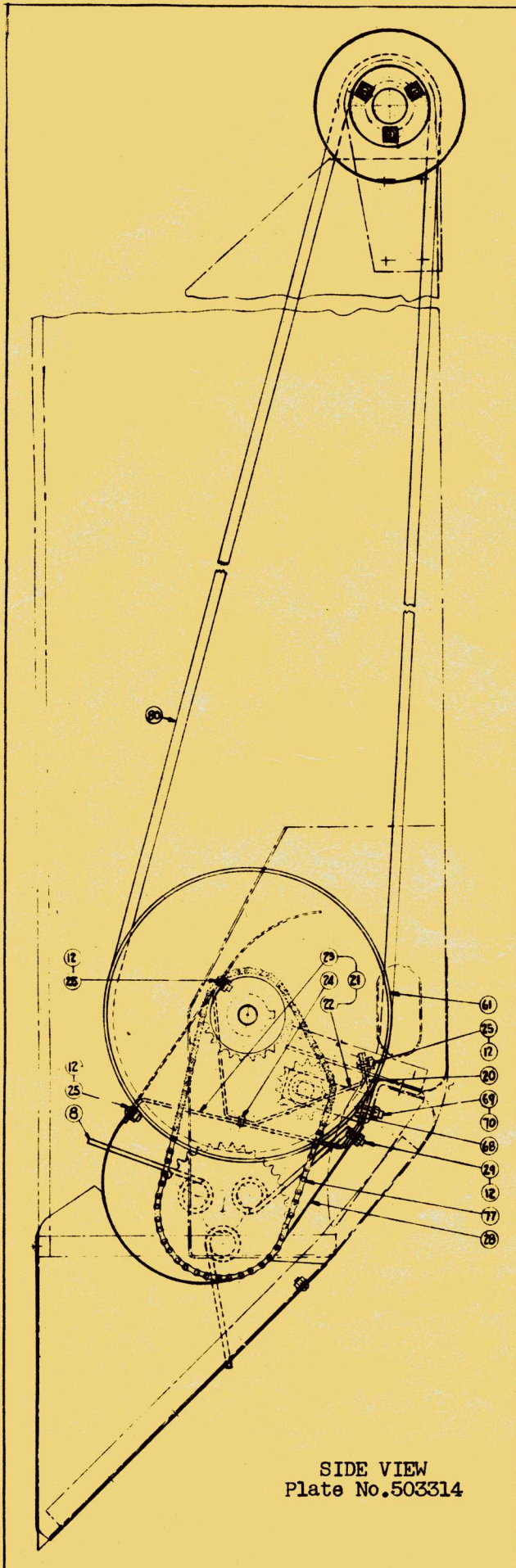
Install the rotor bearings in place using the washers (37) as shown. Install set collars and sprocket. Install the countershaft and the bearing assemblies (46), and the sheave and sprocket assembly (59). Install the chain idler, drive chain, drive sheave (53) and belt. Install the shields (81) and (82).

Raise the reel to its highest point and move the safety bolt in the reel post to the upper hole, then let the reel down to this bolt.

MATERIAL LIST FOR ROTOR TYPE PICK-UP NO.503314

Item Part No. Qty. Name

-	503314	1	Pickup Assem.(Complete)
1	503315	1	Rotor & Guard Assem.(Incl. Items 2,12,20&21,also 25 to 33 Inc., 36 to 41 Inc.)
2	503316	1	Rotor Assem.(Includes Items 3 to 15 Inc.,also 19)
3	503317	3	Rotor Pipe
4	500996	2	Spacer Plate
5	500997	1	Spacer Pipe
6	910094	1	3/8x3-1/4 Machine Bolt
7	910287	9	3/8 Lockwashers
	500979	15	Spring Finger - Double
8	505968	15	Used on 40-6200 & Prior
		15	Spring Finger - Double
	503318	3	Used on 40-6201 & Since
9		3	Spring Finger - Single
	505992	3	Used on 40-6200 & Prior
		3	Spring Finger - Single
		3	Used on 40-6201 & Since
10	910898	18	1/4x1-3/4 Hex.Hd.Cap Screws
11	900816	18	1/4 Std. Washers
12	910285	132	1/4 Lockwashers
13	910880	26	1/4 Hex. C.P.S.F.Nut 20NC-2
14	502559	1	Rotor Hd. Assem. R.H.(Incl. Items 12,13,16,17 & 19)
15	502560	1	Rotor Hd. Assem. L.H.(Incl. Items 12,13,16,18 & 19)
16	500754	2	Rotor Head
17	501000	1	Stub Shaft R.H.-7/8x5-3/4
18	501001	1	Stub Shaft L.H.-7/8x7-1/2
19	910899	8	1/4x2 Hex.Hd.Cap Screws
20	503319	1	Guard Support
21	503320	12	Guard Brace Support Assem. (Includes next 3 Items)
22	503321	12	Guard Brace Support
23	502564	12	Guard Brace
24	910282	12	3/16x1/2 W.B.H. Rivets
25	904478	36	1/4x5/8 R.H. Stove Bolts
26	502565	10	Guard - Center
27	502566	1	Guard - End R.H.
28	502567	1	Guard - End L.H.
29	900865	24	1/4x3/4 R.H. Stove Bolts
30	502448	2	Band - End
31	502449	10	Band - Center
32	900863	28	1/4x1/2 R.H. Stove Bolts
33	501009	4	Rotor & Countershaft Brg. Assem.(Incl. next 2 Items)
34	500692	4	Bearing Housing
35	500983	4	Bearing Bushing
36	900938	4	3/16x1 Cotter Pin



SIDE VIEW  
Plate No.503314



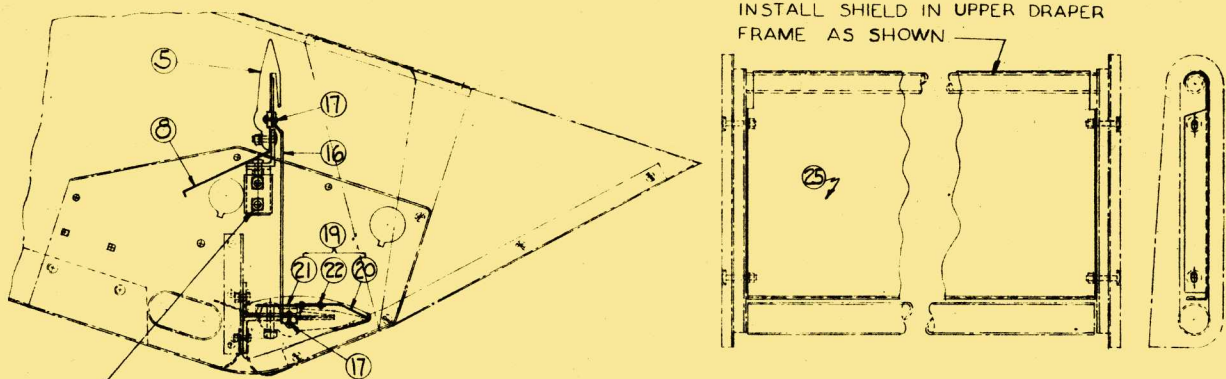
## MATERIAL LIST FOR ROTOR TYPE PICK-UP, Cont'd.

(Plate 503314)

Item	Part No.	Qty.	Name
37	910817	8	#12x1-5/16x57/64 Spec.Washers
38	910131	4	Lubricator 1/8 P.T. #1610
39	910133	1	Lubricator 1/8 P.T. 67-1/2 <sup>o</sup> #1612
40	{55D15558	4	7/8" Set Collar
	{910544	4	1/2x1/2 H.H.Dardelet Set Screw
41	501011	1	Rotor Driven Sprocket Assem.(Includes Items 12,42,43 & 45)
42	{500756	1	Driven Hub
	{901284	1	1/2x3/4 C.P. Set Screw
43	500982	1	Sprocket 36-T, 1-1/4 Bore, #41 Amer. Std. Roller Chain
44	905126	2	#15 Woodruff Key
45	910299	12	1/4x3/4 Machine Bolts
46	503322	1	Countershaft & Brg. Assem.(Includes Items 33,36,37,38,40 & 47)
47	503323	1	Countershaft Assem.(Includes next 5 Items)
48	503324	1	Pipe
49	K5D15949	2	Pipe Bushing
50	501006	1	Stub Shaft R.H. - 7/8x6-5/8
51	501007	1	Stub Shaft L.H. - 7/8x10-5/8
52	910894	2	1/4x1-7/8 R.H. Rivets
53	503325	1	Drive Sheave Assem.(Incl. Items 7 & 54, also 55 to 58 Inc.)
54	{502954	1	Hub
	{902872	1	1/2x1/2 H.H.C.P. Set Screw
55	R5D15858	2	Sheave - 6-1/2 O.D.
56	502804	8	Spacers - 7 Inside, 1 Outside, 3-1/8 O.D. x 1-9/16 I.D.
57	R5D15860	1	Reinforcement
58	910158	3	3/8x1-1/2 Machine Bolts
59	501010	1	Driven Sheave & Drive Sprocket Assem.(Incl. Items 60 to 63 Inc.,12 & 45)
60	{500992	1	Hub
	{901284	1	1/2x3/4 C.P. Set Screw
61	K5D15872	1	Sheave, Texsteel- 12-5/8 O.D.
62	910489	6	1/4x5/8 Machine Bolts
63	500981	1	Drive Sprocket 24-T, 1-1/4 Bore, #41 Amer. Std. Roller Chain
64	502571	1	Idler Sprocket & Bracket Assem.(Incl. Items 65,68,71 & 76)
65	501013	1	Sprocket Assem.(Incl. next 2 Items)
66	500980	1	Sprocket 15-T., 57/64 Bore, #41 Amer. Std. Roller Chain
67	500984	1	Sprocket Pushing
68	501014	1	Idler Bracket
69	910553	2	5/16x1 Machine Bolts
70	910286	2	5/16 Lockwashers
71	501015	1	Idler Pin- 3/4x3-5/16 Long
72	900818	2	1/2 Std. Washers
73	904208	1	1/2 Lockwasher
74	910819	2	#12x1-3/8x49/64 Special Washers
75	910295	1	1/2 Hex. C. P. S. F. Nut 13NC-2
76	{500005	1	3/4 Shaft Collar - 3/4 Set Collar
	{910544	1	1/2x1/2 H.H.Dardlet Set Screw
77	{501016	1	Rotor Drive. Chain-#41 Amer. Std. Roller Chain, 66 Links
	{910936	1	Roller Link
77	{910937	1	Offset Connecting Link
	{910938	1	Plain Connecting Link
78	905123	1	#9 Woodruff Key
79	910440	5	3/8x3/4 Carriage Bolts
80	503327	1	Drive Belt 127" O.C.
81	504352	1	Pick-UP shield R.H.
82	504353	1	Pick-UP shield L.H.

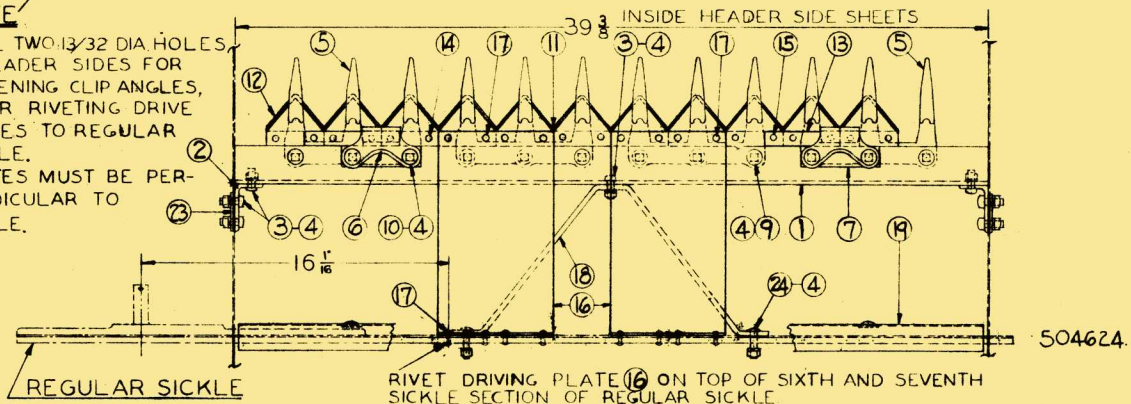


# TOPPING ATTACHMENT.



**NOTE**

DRILL TWO 13/32 DIA HOLES IN HEADER SIDES FOR FASTENING CLIP ANGLES, AFTER RIVETING DRIVE PLATES TO REGULAR SICKLE. PLATES MUST BE PERPENDICULAR TO SICKLE.



## MATERIAL LIST FOR TOPPING ATTACHMENT

(Plate 504624)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	504624	1	Topping Attachment	14	911177	6	#6x1/2 R.H. Section Rivet
1	504625	1	Sickle Bar Angle	15	910931	8	#6x7/8 Ctsk.Hd. Section Rivets
2	500772	2	Angle Clip	16	500776	2	Sickle Drive Plate
3	910309	7	3/8x1 Machine Bolt	17	910904	16	#6x3/4 Rd.Hd. Section Rivet
4	910287	21	3/8 Lockwasher	18	504629	1	Sickle Bar Angle Brace
5	501209	4	Sickle Guard	19	504630	1	Sickle Cover Assembly (Includes next 3 Items)
6	D5D-1701	2	Sickle Guide Clip	20	504631	1	Sickle Cover
7	504626	2	Clip Shim	21	500780	2	Cover Strap
8	504627	1	Delivery Plate	22	907168	4	#4 Tinners Tinned Rivet
9	910442	8	3/8x1-1/4 Carriage Bolt	23	500785	2	Angle Clip Washer
10	910446	4	3/8x1-3/4 Carriage Bolt	24	910443	2	3/8x1-1/2 Carriage Bolt
11	504628	1	Sickle Complete	25	504632	1	Floating Frame Draper Shield
12	500760	11	Sickle Section				
13	K5D-15274	2	Guide Clip Rub Plate				

## INSTRUCTIONS FOR ATTACHING

Remove the original rivets in the 6th, 7th, 9th, and 10th sickle section and after setting the complete attachment in position, rivet the drawing plates (16) to these points.

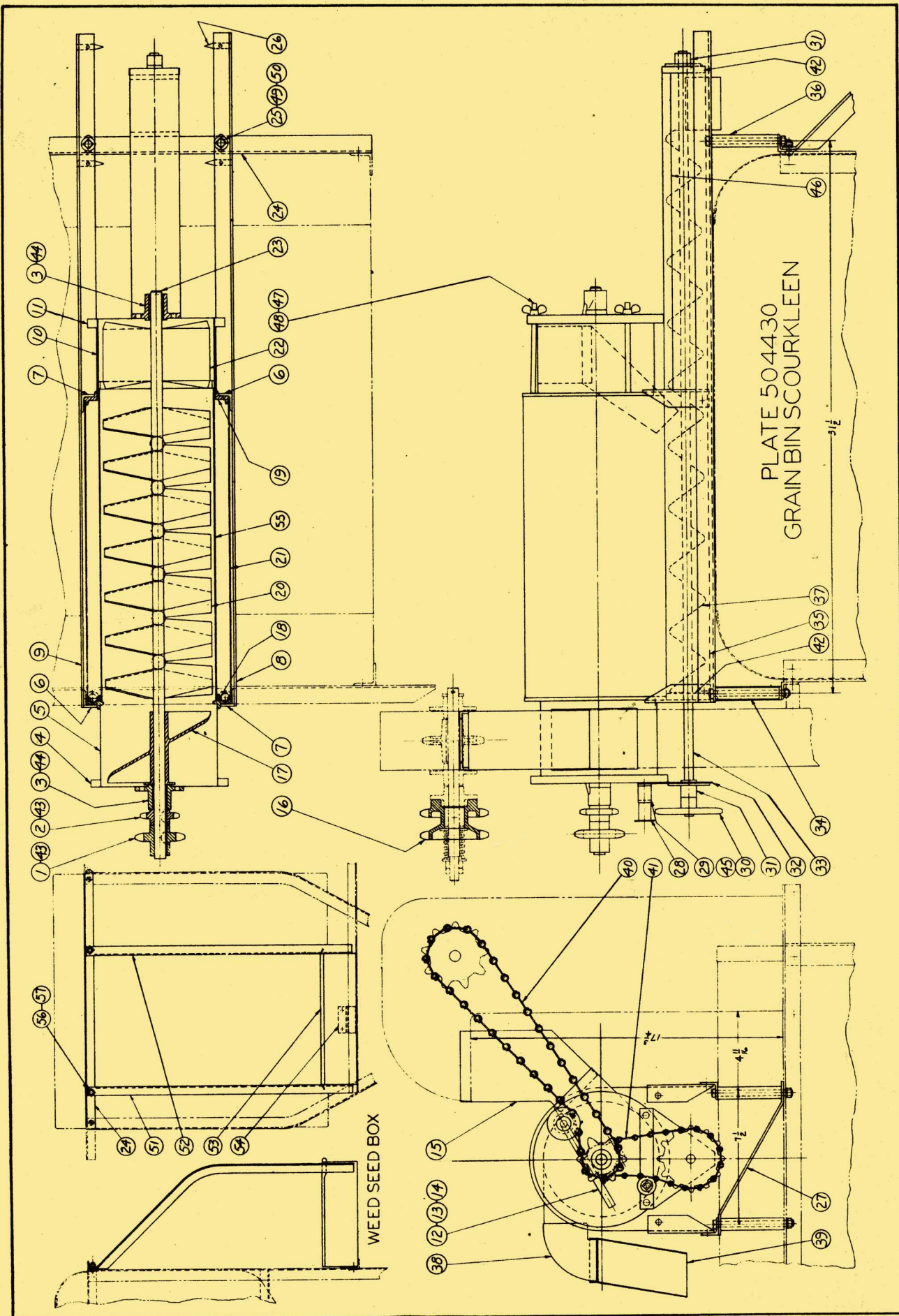
Bolt the angle brace (18) in place on the sickle bar. Drill the 2-13/32" holes in the side plates to attach the angle

clip (2).

Bolt the cover assembly (19) in place and install the draper shield (25) as shown.

Tighten all bolts and be sure the rivets in the drawing plates are tight.







MATERIAL LIST FOR GRAIN BIN SCOURKLEEN

(Plate 504430)

Item	Our No.	Hart No.	Req.	Name	Item	Our No.	Hart No.	Req.	Name
-	504430		1	Gr. Bin Scourkleen Assembly	33	504475	11134	1	Weed Seed Auger Shaft
1	504432	3246	1	Driven Sprkt. 6-T.	34	504476	11135	2	Support Ferrule
2	504437	3236	1	Auger Dr. Sprkt. 6-T.	35	504478	10617-C	1	Weed Seed Trough Assm.
3	504438	3234	2	Rotor Shaft Bearing With Bushing	36	504477	Y2633	2	Support Ferrule
4	504439	10648	1	Intake Drum Hd. Cover	37	504479	11132	1	R.H. Weed Seed Auger
5	504440	10656-C	1	Intake Drum Assem.	38	504480	10623-C	1	Discharge Elbow Assem.
6	504442	12088	2	Leg Angle L. Front & R. Rear	39	504481	10672-C	1	Discharge Spout
7	504443	12089	2	Leg Angle R. Front & L. Rear	40	504482		34L.	#32 St. Sprocket Chain
8	504448	12090	1	Sill Angle R.H.	41	504483		21L.	#25 St. Sprocket Chain
9	504449	12091	1	Sill Angle L.H.	42	504485	10658	2	Weed Seed Trough End
10	504452	10652-C	1	Discharge Drum Assem.	43	905123		2	#9 Woodruff Key
11	504454	10649	1	Discharge Drum Hd. Cover	44	504486	11127	2	Bronze Bushing
12	504456	11143-C	1	Roller with Wood Bshg.	45	900811		1	3/16x1-1/2 Cotter Pin
13	504457	11144	1	Chain Tightener Arm	46	504487	10618	1	Weed Seed Trough Cover Sheet
14	504459	3235	1	Chain Tightener Clamp	47	904153		3	1/4 St. Wing Nut
15	504460	10619-C	1	Elev. Dischge. Spout Assembly	48	504566	11148	3	1/4x5-1/2 Mach. Bolts-No Nut
16	504434	3239	1	Drive Sprkt. 9-T. With Clutch Jaws	49	901165		4	5/16 Std. Washers
17	504462	11140-C	1	Feed Auger Assem. R.H.	50	910286		4	5/16 Lockwashers
18	504463	3231	1	Frame Ring Intake End	51	504488	12035	1	Bag Holder Box Hanger R.H.
19	504464	3232	1	Frame Ring Dischge. End	52	504489	12034	1	Bag Holder Box Hanger L.H.
20	504465	10663-C	1	R.H. Rotor Blade Assem.	53	504490	10532	1	Bag Holder Box
21	504466	10657-C	1	Main Cover Sht. Assem.	54	504491	10533	1	Bag Holder Box Keeper
22	504467	10647-C	1	Discharge Fan Assem.	504505	1-H		1	.165 Tri. Std. Screen
23	504468	11145	1	Rotor Shaft	504506	0-H		1	.171 Tri. (Special)
24	504470	12093	1	Grain Bin Side Angle	504507	2-H		1	.140 Tri. (Special)
25	912854		4	5/16x4-1/2 Mach. Bolts	504508	3-H		1	.125 Tri. (Special)
26	503682	12016	4	Bag Hooks	504509	4-H		1	4-1/2/64 Rd. (Special)
27	504471	12092	1	Ferrule Tie Bar	504510	4-1/4-H		1	5/64x1 Slot (Special)
28	503773	11089	1	Chain Tightener	504511	4-1/2-H		1	3/32x3/4 Slot (Special)
29	504472	12102	1	Chain Tightener Bracket	504512	5-H		1	1/8x3/4 Slot (Special)
30	504436	3242	1	Driven Sprocket 12-T.	504513	6-H		1	5/32x3/4 Slot (Special)
31	504473	3233	2	Weed Seed Auger Shaft Bearing	504514	7-H		1	11/64x3/4 Slot (Spec.)
32	504474	10660	1	Extension Brg. Plate	504515	8-H		1	5/32 Rd. (Special)
					504516	9-H		1	1/20 Rd. (Special)
					504517	10-H		1	1/25 Rd. (Special)
					904478			2	1/4x5/8 Rd. Hd. Stove Bolts
					910285			2	1/4 Lockwashers

INSTRUCTIONS FOR ATTACHING

Bolt the grain bin side angle (24), with the weed seed box attached, to the right hand side of grain bin.

Replace the original elevator spout assembly with the spout assembly (15).

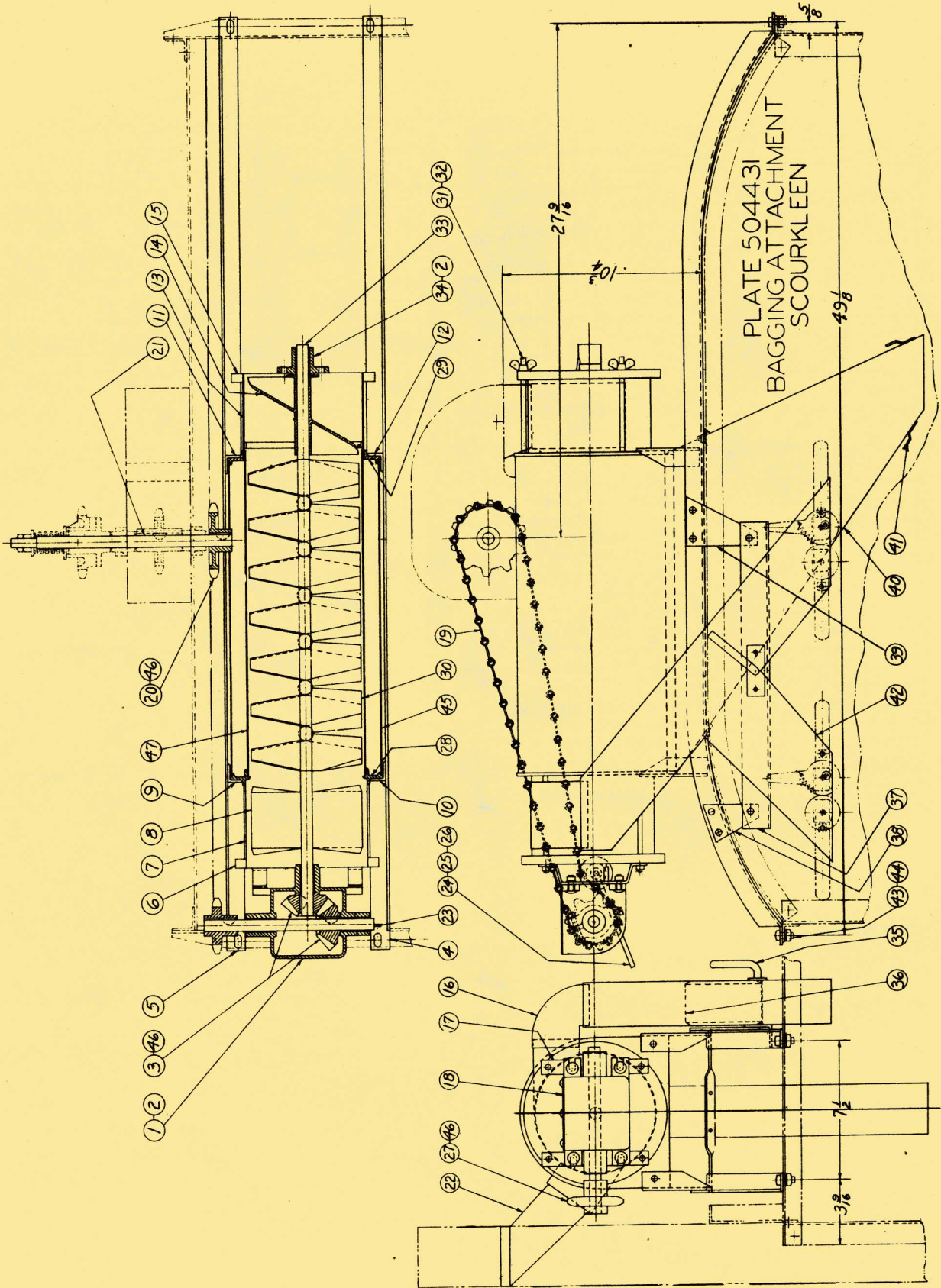
Mount the Scourkleen on the bin with the short Ferrules (34) and the Ferrule tie bar (27) at the drive end of Scourkleen.

Replace the original elevator sprocket with the sprocket (16).

Special screens are available for the various crops. See the chart for our recommendations.

Screens are replaced by removing the discharge drum head (10).







MATERIAL LIST FOR BAGGING ATTACHMENT SCOURKLEEN

(Plate 504431)

Item	Our No.	Hart No.	Req.	Name	Item	Our No.	Hart No.	Req.	Name
-	504431		1	Sacker Platform	30	504465	10663-C	1	Rotor Blade Assem.
1	504492	3237	1	Scourkleen Assem.	31	504566	11148	3	1/4x5-1/2 Mach. Bolts- No Nut
2	504486	11127	4	Bevel Gear Case	32	904153		3	1/4 St. Wing Nuts
3	504493	3222	2	With Bushing	33	504469	11137	1	Rotor Shaft
4	504451	12099	1	Brass Bushing	34	504438	3234	1	Rotor Shaft Brg. With Bushings
5	504450	12098	1	Bevel Gears	35	504498	12100	1	Valve Lever
6	504439	10648	1	Sill Angle L.H.	36	504499	10645	1	Bagger Valve
7	504453	10636-C	1	Sill Angle R.H.	37	504500	10538	1	Bagger Attachg. Bar
8	504467	10647-C	1	Feed Drum Head Cover	38	504501	10628	1	Rear Bagger Frame Hanger
9	504444	12094	1	Discharge Drum Assem.	39	504502	10646	1	Front Bagger Frame Hanger
10	504445	12095	1	Discharge Fan Assem.	40	504503	10632-C	1	Discharge Chute Assm.
11	504446	12104	1	Leg Angle R. Rear	41	503683	9396	2	Bag Hooks
12	504447	12105	1	Leg Angle L. Rear	42	504504	10641-C	1	Bagger "Y" Assem.
13	504441	10640-C	1	Leg Angle R. Front	43	910303		4	5/16x3/4 Mach. Bolts
14	504462	11140-C	1	Leg Angle L. Front	44	910286		4	5/16 Lockwashers
15	504455	10629	1	Intake Drum Assem.	45	504466	10657-C	1	Main Cover Sheet Assm.
16	504480	10623-C	1	Intake Auger Assem.	46	905123		4	#9 Woodruff Key
17	504494	12101	2	Spec. Discharge Drum Head Cover	47	504505	1-H	1	.165 Tri. Std. Screen
18	504495	106662	1	Discharge Elbow Assem.		504506	0-H	1	.171 Tri. (Special)
19	504484		1	Gear Case Bracket		504507	2-H	1	.150 Tri. (Special)
20	504435	3240	1	Gear Case Cover		504508	3-H	1	.125 Tri. (Special)
21	504496	11136	1	47L.#32 St. Sprocket Chain		504509	4-H	1	4-1/2/64 Rd. (Spec.)
22	504461	10630-C	1	Drive Sprocket 10-T.		504510	4-1/4-H	1	5/16x1 Slot (Spec.)
23	504497	11138	1	Elevator Head Shaft		504511	4-1/2-H	1	3/32x3/4 Slot (Spec.)
24	504456	11143-C	1	Elev. Discharge Spout Assembly		504512	5-H	1	1/8x3/4 Slot (Spec.)
25	504458	11146	1	Gear Case Cross Shaft		504513	6-H	1	5/32x3/4 Slot (Spec.)
26	504459	3235	1	Roller with Wood Bshg.		504514	7-H	1	11/64x3/4 Slot (Spec.)
27	504433	3217	1	Chain Tightener Arm		504515	8-H	1	5/32 Rd. (Special)
28	504463	3231	1	Arm Clamp Collar		504516	9-H	1	1/20 Rd. (Special)
29	504464	3232	1	Driven Sprkt. 7-T.		504517	10-H	1	1/25 Rd. (Special)
			1	Frame Ring Intake					
			1	Frame Ring Discharge					

INSTRUCTIONS FOR ATTACHING

Bolt the sill angles (4) and (5) to the bagging platform as shown. in plate.

With the Scourkleen legs bolted in place, mount the Scourkleen on the sill angles.

Attach the discharge chute (40) to Scourkleen as shown.

Attach the bagger "Y" assembly in place as shown, using the bagger frame hangers (38) and (39).

Install the chute (22) as shown

The elevator head shaft is substituted for the original shaft. Install the drive sprocket (20) on the shaft.

Install the drive chain (19).

Special screens are available for the various crops. See Scourkleen chart for our recommendations.

Screens are replaced by removing the discharge drum head (15).



HART SCOUR KLEEN ATTACHMENT

In many sections of the country it is necessary to handle excessive weeds with the crop in both direct Harvesting and Harvesting from the windrow. Some kinds of crops, also, from the nature of their growth, are more subject to weeds than others.

To assist in meeting conditions of this kind, to remove dockage at the machine and save it for use on the farm, the Scour-Kleen specially designed for the All-Crop Harvester, is available as special equipment. By its use, weed seed and dockage are removed from the grain and sacked. The grain is cleaned and polished thus improving the grade and increasing the market price received. Screens can be quickly changed to adapt it for any crops to be handled, from ordinary grains to the larger Edible Beans and Peas.

It is available for both the Grain Bin and the Bagging Platform equipped All-Crop Harvesters After number 40-201 and is quickly and easily installed on either model. When ordering, be sure to specify whether for

the Grain Bin or Bagger machines as the attaching parts differ with each type.

The Scour Kleen Dockage remover takes the grain from the clean grain elevator and the high speed rotating member throws it in a thin spray against the full length and circumference of the circular and stationary screen. The rotor is comprised of two types of blades, one of which force the grain forward as well as outward against the screen and the other partially reverse the forward travel for increasing cleaning efficiency. Dockage and weed seed are forced through the screen and fall into a hopper below where it is carried to the sack and saved. The grain is polished and cleaned by the contact with the screen and passes on through the Scour Kleen to the Grain Bin or Bagger spout.

We are listing below the screen sizes, number given in our chart on the following page and the part number to use in the ordering of extra screens. Any size screen not listed but desired for special crops can be secured on special order.

SCREENS FOR HART SCOUR KLEEN ATTACHMENT

SIZE	PUNCHING	HART NUMBER	REPAIR NUMBER	SIZE	PUNCHING	HART NUMBER	REPAIR NUMBER
.165	Triangular	1	504505				
.171	Triangular	0	504506	1/8x3/4	Slotted	5	504512
.140	Triangular	2	504507	5/32x3/4	Slotted	6	504513
.125	Triangular	3	504508	11/64x3/4	Slotted	7	504514
4-1/2/64	Round	4	504509	5/32	Round	8	504515
5/64x1	Slotted	4-1/4	504510	1/20	Round	9	504516
3/32x3/4	Slotted	4-1/2	504511	1/25	Round	10	504517

The chart below is for your information and guidance in securing the proper screen to be used in the Scour Kleen for the grains, seeds and Beans listed. There is too great a variation in the size of dockage for us to lay down a rigid size for all cases, and we are therefore giving our recommendations as observed in actual field operation, and the screens used most is our first recommendation, and the second is for special conditions.

It is good practice for an operator, who has a Harvester equipped with a Scour Kleen Attachment, to secure and keep on hand, screens of the proper size to take care of the grains which the machine will handle.

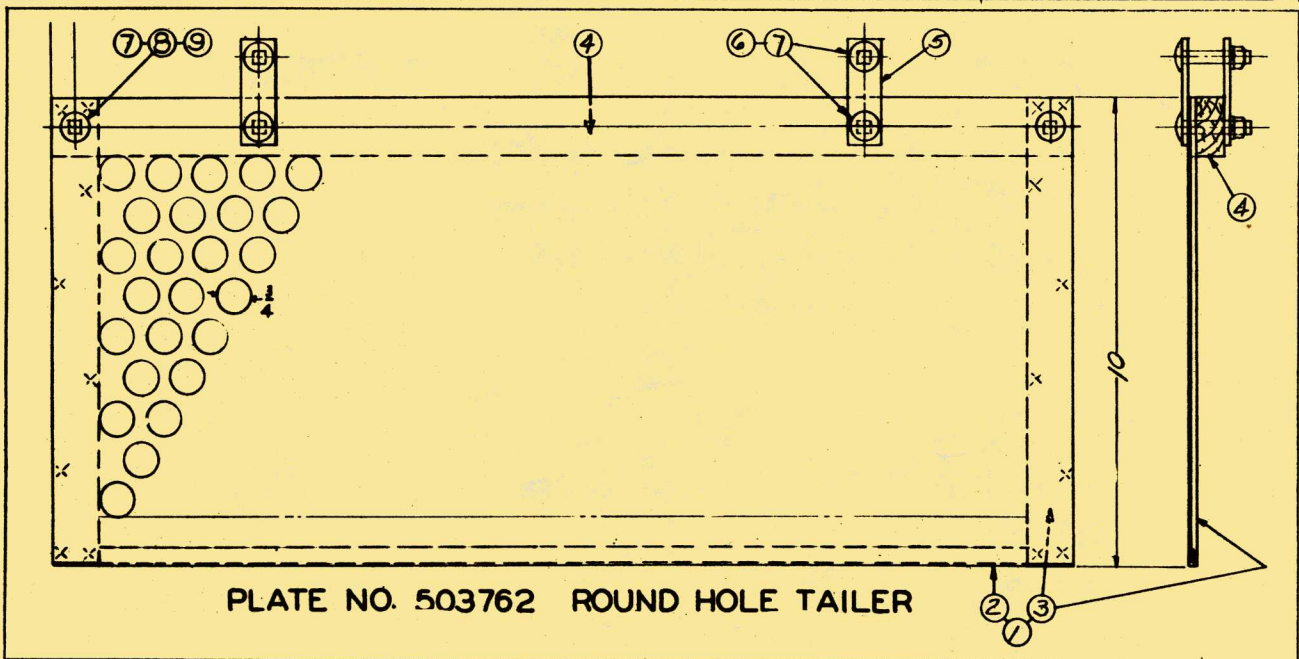
In the case of small seeds, if the dockage is larger than the seeds, it is sometimes desirable to reverse the cleaning process and to put in a large enough screen so that the seeds will pass through the screen and be delivered into the sack which is ordinarily used for dockage. The dockage, which is larger, will pass over the screen and be delivered to either the grain bin or the bagger head as the case may be.

The Scour Kleen Attachment for both the Grain Bin and Bagger Attachment is equipped at the Factory with the No.1 screen which you will note from the chart is used for the common varieties of grains such as Wheat, Oats, Barley Etc.

KIND OF GRAIN	USED MOST	SPECIAL CONDITION	KIND OF GRAIN	USED MOST	SPECIAL CONDITION
1-Alfalfa	9	4-10	16-Clover-Dutch	9	4-3-8-10
2-Barley	1	0-2-3	17-Clover-Giant English	9	4-3-8-10
3-Beets-Table	3	4-2	18-Clover-Hop	9	4-3-8-10
4-Beets-Sugar	3	4-2	19-Clover-Huban	9	4-10
5-Beans-Faba or Horse	7		20-Clover-Ladino	9	4-3-8-10
6-Beans-Mung	4-1/4	3-2	21-Clover-Persian	9	4-10
7-Beans-Soy	5	4 1/2-6-7	22-Clover-Red	9	4-3-8-10
8-Beans-Velvet	7		23-Clover-Sweet	9	4-3-8-10
9-Buckwheat	3	4-2	24-Clover-White	9	4-3-8-10
10-Cabbage	9		25-Corn-Broom	4	9
11-Cane	4		26-Corn-Gyp	4	9
12-Carrot	9	4	27-Corn-Pop	4 1/2	5-6-7
13-Clover-Alsike	10	9-4-8	28-Crotolaria	4	9
14-Clover-Birdsfoot Trefoil	10	9-4	29-Fenugreek	4 1/2	4
15-Clover-Crimson	9	4-3-8-10	30-Flax	4	4 1/2



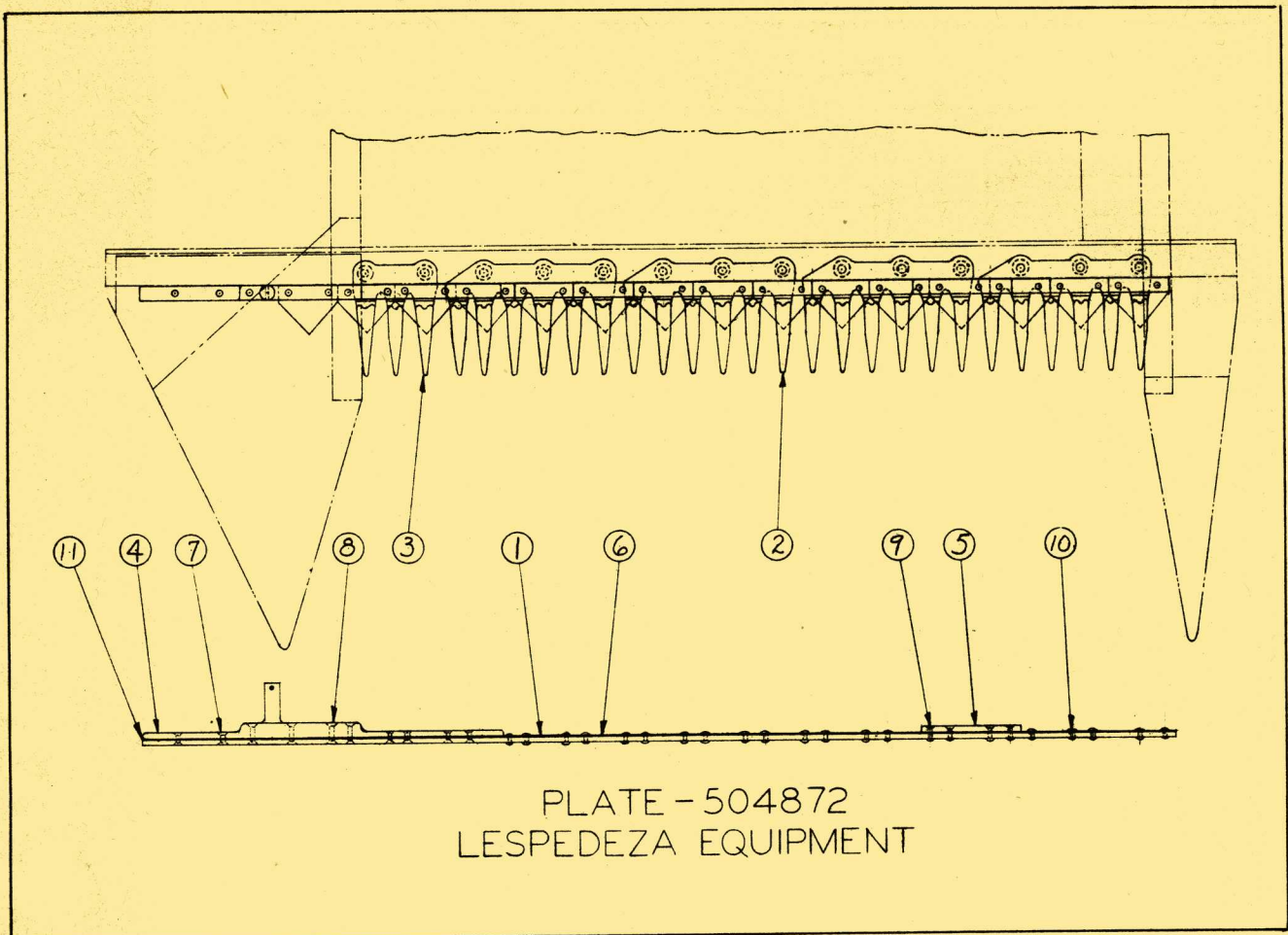
KIND OF GRAIN	USED MOST	SPECIAL CONDITION	KIND OF GRAIN	USED MOST	SPECIAL CONDITION
31-Fuzzy Cheat	9	4-10	67-Rice-Common	1	0-2-3
32-Grass-Blue or June	9	10	68-Rice-Red	1	0-2-3
33-Grass-Big Blue Stem	9	4-10	69-Rye	1	0-2-3
34-Grass-Brome	4		70-Red Top	1-2-3	
35-Grass-Bermuda	9		71-Safflower	4	9
36-Grass-Canary	9	4-10	72-Spelt	0	1-2-3
37-Grass-Carpet	9	4-10	73-Sagrain	4	9
38-Grass-Canadian Rye	9	4-10	74-Sorgo	4	9
39-Grass-Crested Wheat	4	9	75-Sunflower	0	1-2-3
40-Grass-Dallis	4	9	76-Spinach	4	9
41-Grass-English Rye	4	9	77-Timothy	9	4-10
42-Grass-Gramma	9	4-10	78-Tobacco	10	9-4
43-Grass-Johnson	4	9	79-Turnip	9	4-10
44-Grass-Orchard	9	10	80-Vetch	4 1/4	8
45-Grass-Rhodes	1		81-Wheat	1	0-2-3
46-Grass-Sudan	4	9	82-Zinnia	1-2-3	
47-Grass-Sand Drop	9	4-10	83-Beans-Bountiful	7	
48-Grass-Western Wheat	4	9	84-Beans-Black Eye	4 1/2	5
49-Hegari	4	9	85-Beans-Baby Lima	4 1/2	5-6-7
50-Kaffir	4	9	86-Beans-Clay Bank	4 1/2	5
51-Lespedeza-Korean	9	4-10	87-Beans-Cranberry	7	6
52-Lespedeza-Kobe	9	4-10	88-Beans-Ebony	4 1/4	5
53-Lespedeza-Sericea	9	4	89-Beans-Great Northern	5	4 1/2-7
54-Lespedeza-Tenn "76"	9	4	90-Beans-Garvanza	7	6
55-Lettuce	4 1/4		91-Beans-Italian	7	6
56-Millet-Common	9	4-10	92-Beans-Kentucky Wonder	5	7
57-Millet-Hog Or Proso	9	4-10	93-Beans-Kidney	4 1/2	5-6-7
58-Maize	4	9	94-Beans-Navy	4 1/2	5-6-7
59-Mustard	4	9	95-Beans-Pinto	6	7
60-Oats	1	0-2-3	96-Beans-Red Mexican	7	
61-Onions	9	4-10	97-Parsnip	4	
62-Okra	4 1/4	8	98-Peas-Cow	4 1/2	5
63-Peas-Alaska	4 1/2		99-Peas-Chinese Red	4 1/2	5
64-Peas-Austrain Field	4 1/2		100-Peas-Table	4 1/2	5-6-7
65-Peas-Lady	4 1/2		101-Peas-Whipoorwill	4 1/2	5
66-Poppy	10	9	102-Radish	4	9



MATERIAL LIST FOR ROUND HOLE TAILER (Plate 503762)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	503762	1	Rd. Hole Tailer Assem. Complete	5	500739	4	Connecting Plate
1	503763	1	Rd. Hole Tailer Assem.	6	910952	4	1/4x1-1/2 Carriage Bolts
2	503764	1	Rd. Hole Tailer 3/4" Perf.	7	910285	6	1/4 Lockwashers
3	503366	2	End Support	8	910391	2	1/4x1-1/4 Carriage Bolts
4	503765	1	Tailer Back	9	900816	2	1/4 Std. Washers





MATERIAL LIST FOR LESPEDEZA EQUIPMENT

(Plate 504872)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	504872	1	Lespedeza Equipment	6	504647	15	3" Special Sickle Section
1	504642	1	Sickle (Complete)	7	910931	6	#6x7/8 Ctsk.Hd. Section Rivet
2	504644	4	Guard (6 Prong)	8	911176	4	#6x1-3/8 Ctsk.Hd. Section Rivet
3	504645	1	Guard (3 Prong)	9	912318	4	#6x7/8 Rd.Hd. Section Rivet
4	K5D-15321	1	Sickle Head	10	911177	19	#6x1/2 Rd.Hd. Section Rivet
5	K5D-15274	1	Sickle Guide Clip Rub Plate	11	503354	1	Sickle Head Filler

INSTRUCTIONS FOR ATTACHING

Remove the original guards and complete sickle. next to the sickle head.

Install the new guards (2) and (3) as shown placing the 3 prong guard (3)

Install the new sickle and couple to the drawing link. Examine the sickle and see that it rides on the ledger plates of the guards.

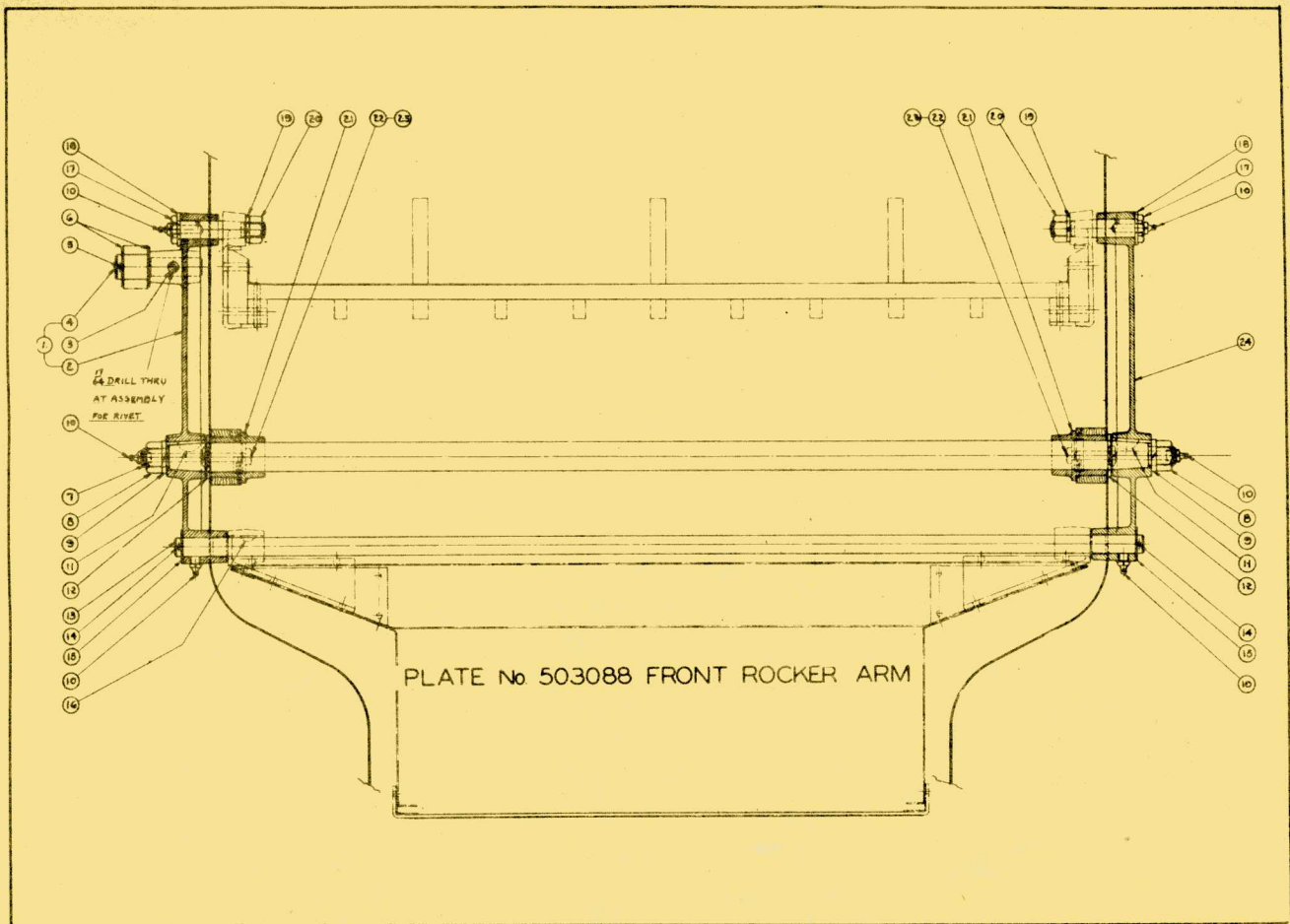








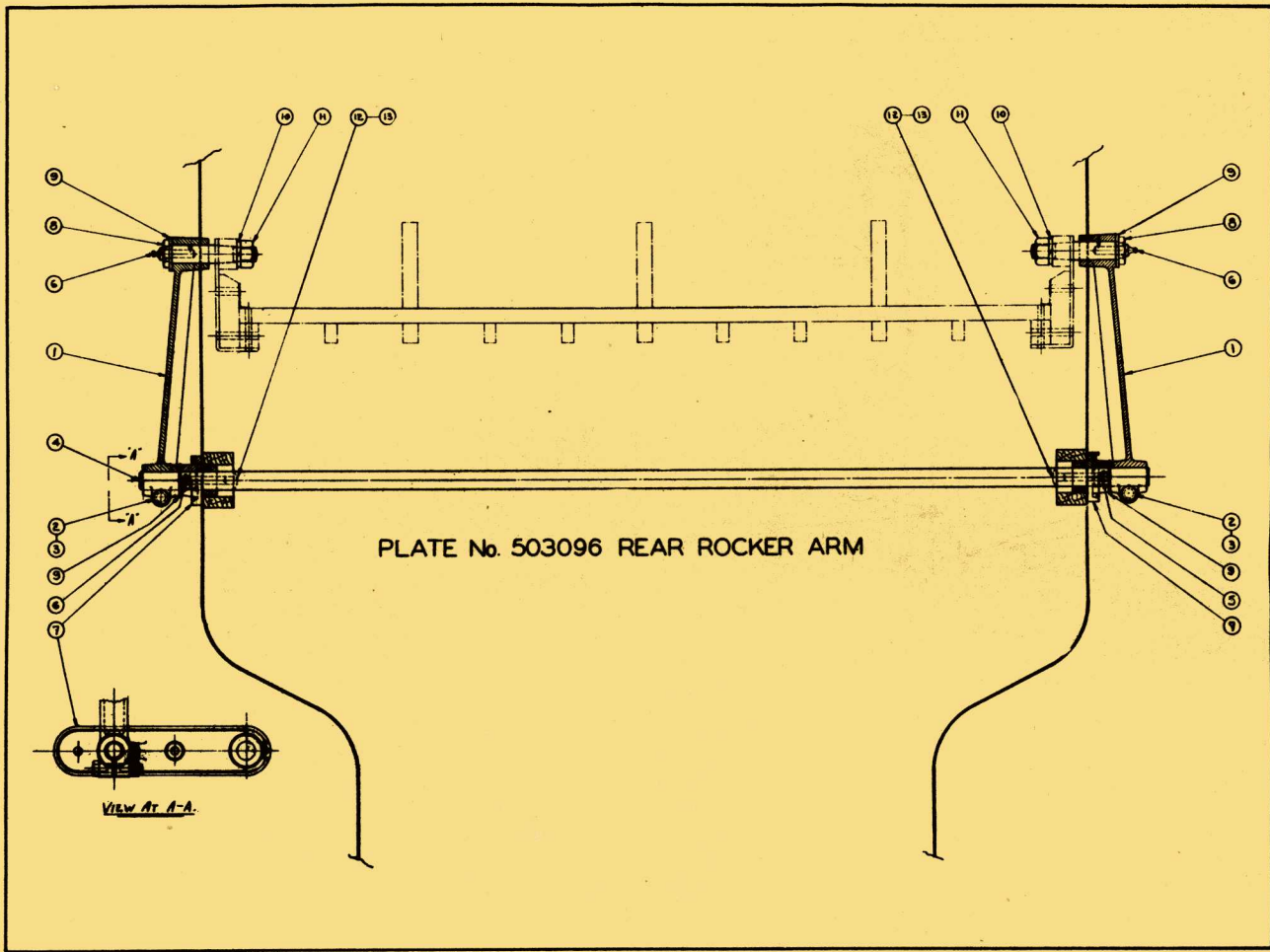




FRONT ROCKER ARM  
(Plate 503088)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
1	503093	1	Front Rocker Arm Assem. L.H. (Includes next 3 Items, also 10)
2	503092	1	Front Rocker Arm - L.H. (Only)
3	911452	1	1/4 x 1-5/8 R.H. Rivet
4	503094	1	Rocker Arm Pitman Pin 1" Dia., 3-19/32" Long
5	910320	1	5/32 x 1-1/2 Cotter Pin
6	910889	2	#16 x 1-5/8 x 1-1/32 Spec. Washers
7	503089	1	Front Rocker Arm Shaft 1-3/16" Dia., 42-5/8" Long
8	910175	2	3/4 Hex. C.P.S.F. Nut 16 NF-2
9	904369	2	3/4 Lockwashers
10	910131	6	Ale. Hyd. 1/8 P.T. Str. #1610
11	905126	2	#15 Woodruff Key
12	910884	2	#12 x 1-3/4 x 1-7/32 Spec. Washers
13	502981	1	Sieve Shoe Drive Shaft 3/4" Dia., 40-1/8" Long
14	910302	2	5/32 x 1-1/4 Cotter Pin
15	910819	2	#12 x 1-3/8 x 49/64 Spec. Washers
16	905123	1	#9 Woodruff Key
17	503095	2	Straw Rack Stub Shaft 3/4" Dia., 3-5/8" Hex. Hd.
18	910819	2	#12 x 1-3/8 x 49/64 Spec. Washers
19	904209	2	5/8 Lockwashers
20	910124	2	5/8 Hex. C.P.S.F. Nut 18 NF-2
21	503090	2	Rocker Arm Shaft Bearing
22	910557	4	5/16 x 2 Machine Bolts
23	910286	4	5/16 Lockwashers
24	503091	1	Front Rocker Arm R.H.



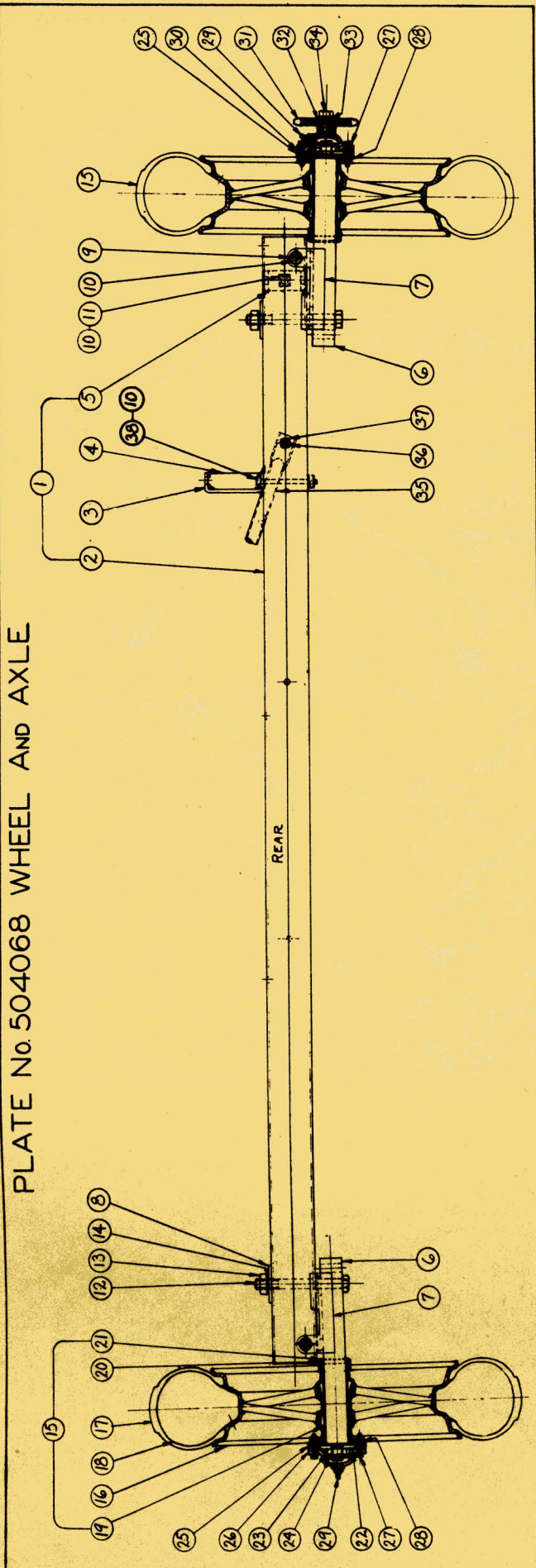


REAR ROCKER ARM  
(Plate 503096)

Item	Part No.	Qty.	Name
1	502114	2	Rear Rocker Arm
2	906371	2	3/8 x 1-3/4 Hex. Hd. Machine Bolts (Hex. Nut)
3	910287	2	3/8 Lockwashers
4	503097	1	Rear Rocker Arm Shaft
5	910132	1	Ale. Hyd. 1/8 P.T. 30° #1611
6	910131	3	Ale. Hyd. 1/8 P.T. Str. #1610
7	502144	2	Grain Drag Raddle Shaft Bearing - Rear
8	503095	2	Straw Rack Stub Shaft 3/4" Dia., 3-5/8" Hex. Hd.
9	910819	4	#12 x 1-3/8 x 49/64 Spec. Washers
10	904209	2	5/8 Lockwashers
11	910124	2	5/8 Hex. C.P.S.F. Nuts 18 NF-2
12	910426	2	5/16 x 2 Carriage Bolts
13	910286	2	5/16 Lockwashers



PLATE No. 504068 WHEEL AND AXLE



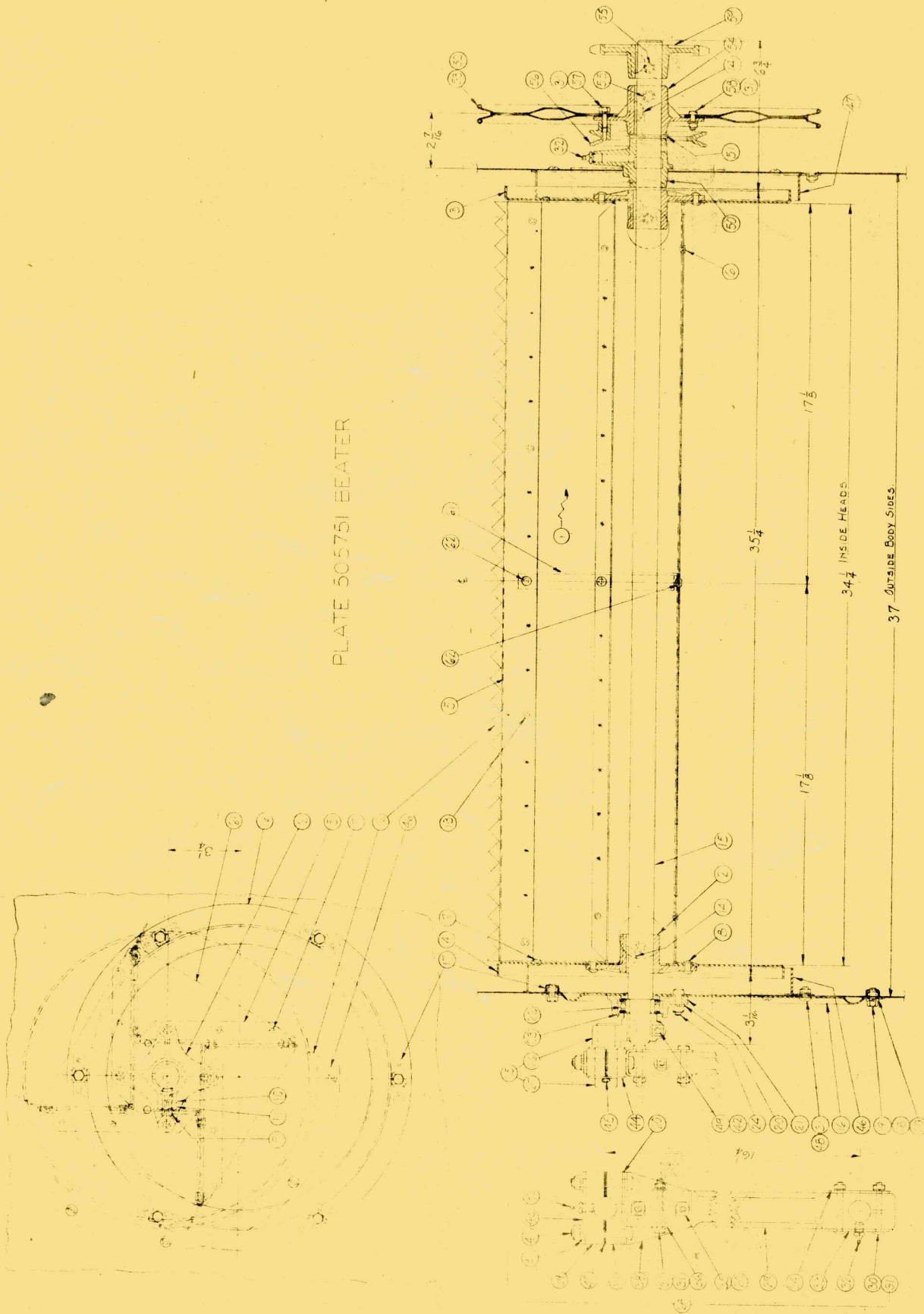
AXLE & WHEEL

(Plate 504068)

Item	Part No.	Qty.	Name
-	504068	1	Axle Assem.(Includes Items 1 & 6 to 14 Inc.)
1	504067	1	Axle Weld Assem.(Includes next 4 Items & Item 38)
2	504069	1	Axle
3	504074	1	Gear Box Support Bracket Used on 40-9200 & Prior
	505901	1	Gear Box Support Bracket Used on 40-9201 & Since
4	504071	1	Bracket Reinforcement Used on 40-9200 & Prior
	505902	1	Bracket Reinforcement Used on 40-9201 & Since
5	504075	1	Tongue Pull Clip
6	504076	2	Stub Axle 1-1/2" Dia., 13-5/8" Long
7	503918	2	Stub Axle Filler
8	504077	2	Axle Reinforcement Washer
9	910619	2	7/16 x 4-1/4 Mach. Bolts
10	904207	4	7/16 Lockwashers
11	910606	1	7/16 x 1 Machine Bolt
12	912635	2	5/8 x 6 Hex.Hd. H.T. Cap Screws
13	910124	2	5/8 Hex. C.P.S.F. Amer. Light Nuts
14	904209	2	5/8 Lockwashers
15	504241	2	Wheel Complete With Tires & Tubes (Spoke Wheel)(Not Supplied)
	504881	2	Wheel Complete With Tires & Tubes (Disc Wheel)(Not Supplied)
16	504242	2	Wheel (Including Bushing) (Spoke Wheel)
	504652	2	Wheel (Including Bushing) (Disc Wheel)
17		2	Tire 5.00 x 16 - 4 Ply Farm Implement (Not Supplied)
18		2	Tube 5.00 x 16 Side Rubber Stem (Not Supplied)
19	504245	2	Wheel Bushing
20	504243	2	Seal
21	504244	2	Seal Cap
22	503255	2	Stub Shaft Thrust Washers
23	912331	2	3/4 Hex. Amer. Std. Light Slotted Nuts
24	900808	2	1/8 x 1-1/2 Cotter Pin
25	503256	2	Wheel Hub Cap Gasket
26	502130	1	Hub Cap L.H.
27	910741	8	5/16 x 1-1/4 Hex. Hd. Machine Bolts
28	910286	8	5/16 Lockwashers
29	910131	2	Ale. Hyd. 1/8 P.T. Str. #1610
30	502344	1	Hub Cap R.H.
31	502343	1	Reel Drive Sprocket (10 Teeth Standard)
	505560	1	Reel Drive Sprocket (12 Teeth Special)
32	900818	1	1/2 Std. Washer
33	904208	1	1/2 Lockwasher
34	903637	1	1/2 x 1 Hex.Hd. Cap Screw
35	503283	1	Separator to Axle Brace
36	911874	1	3/8 x 4 Machine Bolt
37	910287	1	3/8 Lockwasher
38	910617	1	7/16 x 3-3/4 Machine Bolt Used on 40-6201 & Since



PLATE 505751 BEATER





BEATER GROUP  
(Plate 505751)

Item	Part No.	Qty.	Name
-	504122	1	Beater Assem. (Includes Items 1 to 8 Inc., also 12 to 16 Inc. & 20 to 24 Inc., 61 & 62) Used on 40-6200 & Prior
-	505751	1	Beater Assem. (Includes Items 1 to 8 Inc., also 12 to 16 Inc. & 20 to 24 Inc., 61 & 62) Used on 40-6201 & Since
1	504123	1	Beater Assem. (Includes next 7 Items & 12 to 15 Inc., 61 & 62) Used on 40-6200 & Prior
	505752	1	Beater Assem. (Includes next 7 Items & 12 to 15 Inc., 61 & 62) Used on 40-6201 & Since
2	502103	2	Beater Hub
3	502641	1	Beater Head - R.H.
4	502642	1	Beater Head - L.H.
5	504040	4	Beater Blade Used on 40-6200 & Prior
	505852	4	Beater Blade Used on 40-6201 & Since
6	911200	8	3/16 x 1/4 Tubular Rivets 12 Used on 40-6200 & Prior
7	907168	16	4# T.T. Rivets
8	910298	8	1/4 x 3/4 W.B.H. Rivets
9	912329	2	1/2 x 1-1/4 H.H.C.P. Set Screw
10	904208	2	1/2 Lockwashers
11	910935	2	1/2 Hex. Jam Nuts
12	504041	4	Beater Blade Comb
13	910280	16	3/16 x 3/8 W.B.H. Rivets Used on 40-6200 & Prior
	910516	16	3/16 x 7/16 W.B.H. Rivets Used on 40-6201 & Since
14	905126	5	#15 Woodruff Key
15	502859	1	Beater Shaft 1-1/8" Dia., 45-1/16" Long
16	502637	1	Beater Opening Cover
17	502647	6	Nut Retainer (In Body Assem.)
18	901151	6	5/16 Sq. H.P. Nuts (In Body Assem.)
19	905661	6	5/16 x 5/8 Hex. Hd. Cap Screws
20	910286	11	5/16 Lockwashers
21	502520	1	Beater Bearing Housing
22	#88505	1	Beater Bearing N.D.
23	K5D-14546	1	Snap Ring
24	910553	3	5/16 x 1 Machine Bolts
25	504091	1	Separator Drive Crank Assem. (Includes next 2 Items)
26	503797	1	Separator Drive Crank
27	504092	1	Separator Drive Crank Fin 1" Dia., 2-13/16" Long
28	504078	1	Straw Rack Pitman Assem. (Includes next 15 Items, also Item 20)
29	504079	1	Straw Rack Pitman
30	910399	2	1/4 x 2-1/4 Carriage Bolts
31	910285	17	1/4 Lockwashers
32	910131	3	Ale. Hyd. 1/8 P.T. Str. #1610
33	S5D-14518	1	Pitman Plate - Upper
34	500175	1	Pitman Plate - Lower
35	910566	2	5/16 x 1-3/4 Machine Bolts
36	900816	2	1/4 Std. Washers
37	910498	1	1/4 x 2-1/4 Machine Bolt
38	504070	1	Pitman End
39	504080	2	Bearing Block
40	504081	6	Bearing Shim
41	910576	2	3/8 x 2-3/4 Machine Bolts
42	910287	3	Lockwashers 3/8
43	504082	1	Pitman End Plate
44	910889	2	#16 x 1-5/8 x 1-1/32 Spec. Washers
45	910320	1	5/32 x 1-1/2 Cotter Pin
46	504025	1	Beater Head Shield L.H.
47	504024	1	Beater Head Shield R.H.
48	900863	8	1/4 x 1/2 R.H. Stove Bolts
49	910178	1	3/8 x 1-3/4 Machine Bolt
50	502537	1	Beater Shaft Bearing
51	910890	2	#16 x 1-3/4 x 1-5/32 Spec. Washers
52	502863	1	Beater Driven Sheave Assem. (Includes next 2 Items, also 56 to 58 Inc. & 31)
53	K5D-15587	1	Beater Driven Sheave
54	502865	1	Driven Sheave Hub
55	910284	2	1/2 x 3/4 Sq. Hd. C.P. Set Screws Used on 40-6200 & Prior
	902872	2	1/2 x 1/2 H.H.C.P. Set Screw Used on 40-6201 & Since
56	502334	1	Tailings Elevator Drive Sheave
57	905625	3	1/4 x 3/4 Hex. Hd. Cap Screws 20 NC-2
58	910489	3	1/4 x 5/8 Machine Bolts
59	502864	1	Grain Elevator Drive Sprocket 13 Teeth, 1-1/8" Bore, #32 Chain
60	504597	1	Pitman Spacer Plate
61	505678	4	Blade Reinforcement Used on 40-6201 & Since
62	910298	8	3/16 x 5/8 W.B.H. Rivets Used on 40-6201 & Since

} Will also fit on 40-6200 & Prior



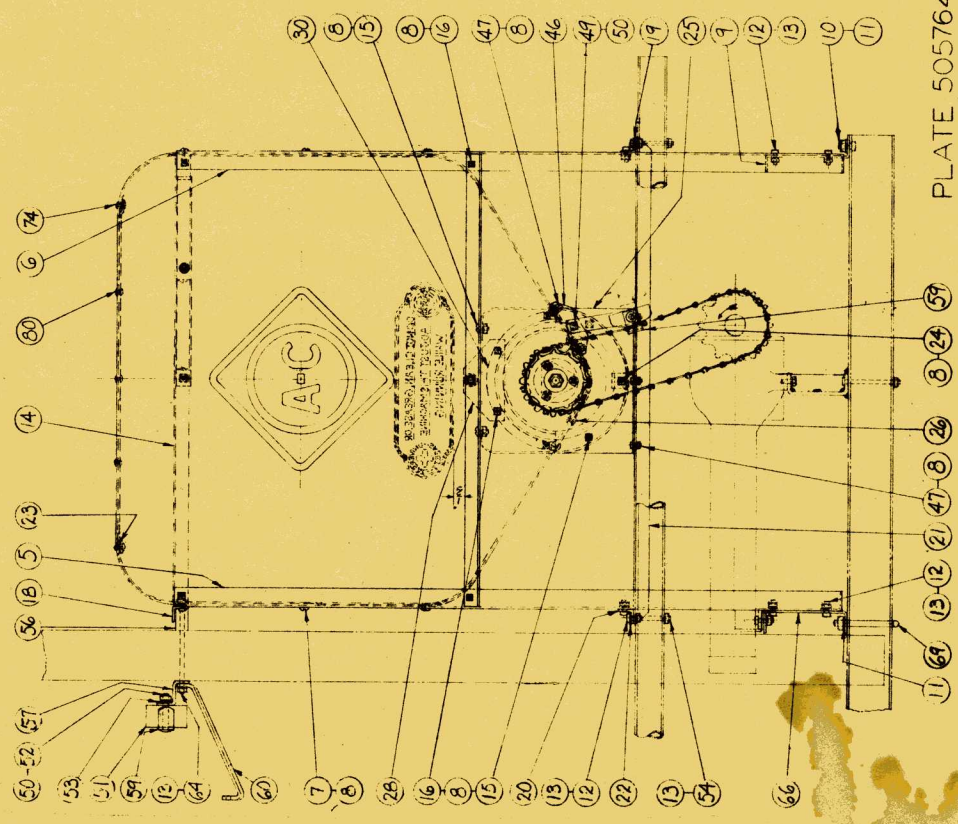
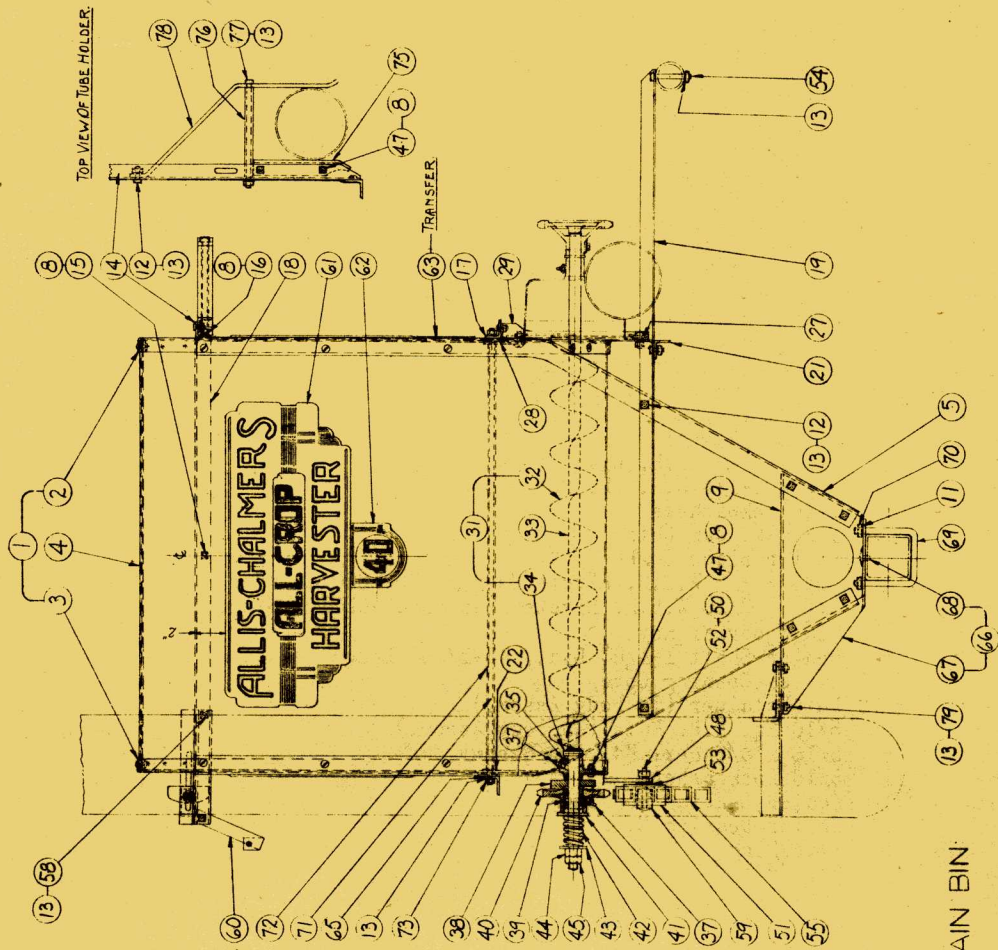


PLATE 505764 GRAIN BIN



GRAIN BIN  
(Plate 505764)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	504121	1	Grain Bin Used on 40-6200 & Prior	42	SP-145	1	Clutch Spring
	505764	1	Grain Bin Used on 40-6201 & Since	43	900819	1	5/8 Std. Washer
1	502901	1	Heads & Wrapper Assembly (Includes next 3 Items)	44	910308	1	5/8 Hex. C.P.S.F. Amer. Reg. Nut
2	502651	1	Head Front	45	910511	1	5/8 Hex. C.P.S.F. Amer. Jam Nut
3	502652	1	Head Rear	46	502920	1	Bin Conveyor Idler Bracket
4	502653	1	Wrapper	47	910489	2	1/4 x 5/8 Machine Bolts
5	504107	2	Post R.H. Front & L.H. Rear	48	502921	1	Bin Conveyor Idler Arm
6	504108	2	Post L.H. Front & R.H. Rear	49	910314	1	3/8 x 3/4 Machine Bolt
7	904478	12	1/4 x 5/8 R.H. Stove Bolts	50	910287	3	3/8 Lockwashers
8	910285	32	1/4 Lockwashers	51	504066	2	Grain Bin Conveyor Idler Slide
9	504043	1	Support Plate R.H.	52	910450	2	3/8 x 2-1/4 Carriage Bolts Used on 40-6200 & Prior
10	910606	1	7/16 x 1 Machine Bolt		910452	2	3/8 x 2-1/2 Carriage Bolts Used on 40-6201 & Since
11	904207	3	7/16 Lockwasher	53	900817	2	3/8 Std. Washers
12	910303	18	5/16 x 3/4 Machine Bolts	54	910559	2	5/16 x 2-1/2 Machine Bolts
13	910286	22	5/16 Lockwashers	55	502923	1	Bin Conveyor Drive Chain #32 Chain, 34 Links (For single link order MA-305)
14	502908	1	Angle Upper Front Used on 40-6200 & Prior	56	502924	1	Grain Elevator Upper Spacer
	505710	1	Angle Upper Front Used on 40-6201 & Since	57	502925	1	Grain Elevator Clamp Bracket
15	900863	7	1/4 x 1/2 R.H. Stove Bolts	58	912798	1	5/16 x 5-1/2 Machine Bolts
16	900865	6	1/4 x 3/4 R.H. Stove Bolts	59	502926	2	Chain Guide Used on 40-6200 & Prior
17	504109	1	Angle Lower Front		505708	2	Chain Guide Used on 40-6201 & Since
18	502910	1	Angle Upper L.H.	60	504114	1	Grain Elevator Brace Used on 40-6200 & Prior
19	504110	1	Bin to Tongue Brace R.H.		505698	1	Grain Elevator Brace Used on 40-6201 & Since
20	504111	1	Bin to Tongue Brace L.H.	61	504056	1	All-Crop Harvester Transfer
21	504112	1	Unloading Auger Tie Angle Used on 40-6200 & Prior	62	504058	1	Model 40 Transfer
	505719	1	Unloading Auger Tie Angle Used on 40-6201 & Since	63	504274	1	Safety Transfer
22	901165	2	5/16 Std. Washers	64	912383	1	5/16 x 5-3/4 Machine Bolt
23	504113	1	Unloading Auger Tie Angle Clip Used on 40-6200 & Prior	65	910491	1	1/4 x 7/8 Machine Bolt
24	910299	1	1/4 x 3/4 Machine Bolts	66	502905	1	Support Plate Assem. L.H. Used on 40-6200 & Prior
25	502657	1	Conveyor Housing Filler Plate Used on 40-6200 & Prior		505761	1	Support Plate Assem. L.H. Used on 40-6201 & Since
	505718	1	Conveyor Housing Filler Plate Used on 40-6201 & Since	67	502907	1	Support Plate L.H.
26	910280	2	3/16 x 3/8 W.B.H. Rivets	68	911138	1	3/8 x 1/2 R.H. Rivet
27	502915	1	Conveyor Housing Clip	69	502922	1	Axle Clamp "U" Bolt
28	900816	1	1/4 Std. Washer	70	910881	2	7/16 Hex. H.P. Nuts
29	502655	1	Conveyor Housing Pivot Plate	71	505712	1	Spacer Tie Rod Used on 40-6201 & Since 5/16x30-1/2
30	502656	1	Housing Retainer Ring	72	505711	1	Spacer Pipe Used on 40-6201 & Since 1/4 Dia. x 28-15/16
31	502916	1	Spiral Assem. (Includes next 3 Items) Used on 40-6200 & Prior		910981	2	5/16 Hex. H.P. Nut Used on 40-6201 & Since
	505720	1	Spiral Assem. (Includes next 3 Items) Used on 40-6201 & Since	74	910296	4	3/16 x 5/8 W.B. Hd. Rivet Used on 40-6201 & Since
32	502917	1	Spiral Used on 40-6200 & Prior	75	505713	1	Unloading Conveyor Tube Holder Rear Used on 40-6201 & Since
	505721	1	Spiral Used on 40-6201 & Since		76	505714	1
33	502918	1	Spiral Shaft	77	913083	1	5/16 x 7 Machine Bolt Used on 40-6201 & Since
34	910819	3	#12 x 1-3/8 x 49/64 Spec. Washers	78	505715	1	Unloading Conveyor Tube Holder Front Used on 40-6201 & Since
35	502321	1	Bin Conveyor Rear Bearing	79	912157	2	5/16 x 7/8 Machine Bolt Used on 40-6201 & Since
36	910386	3	1/4 x 5/8 Carriage Bolts		910282	6	3/16 x 1/2 W.B.Hd. Rivet
37	910131	1	Lubricator 1/8 PT. Str. #1610	80	910282	6	3/16 x 1/2 W.B.Hd. Rivet
38	502320	1	Bin Conveyor Drive Clutch				
39	502919	1	Clutch Pin 1/4" Dia., 1-3/16" Long				
40	502319	1	Spiral Driven Sprocket 12 Teeth, 1-1/4" Bore, #32 Chain				
41	900820	1	3/4 Std. Washer				



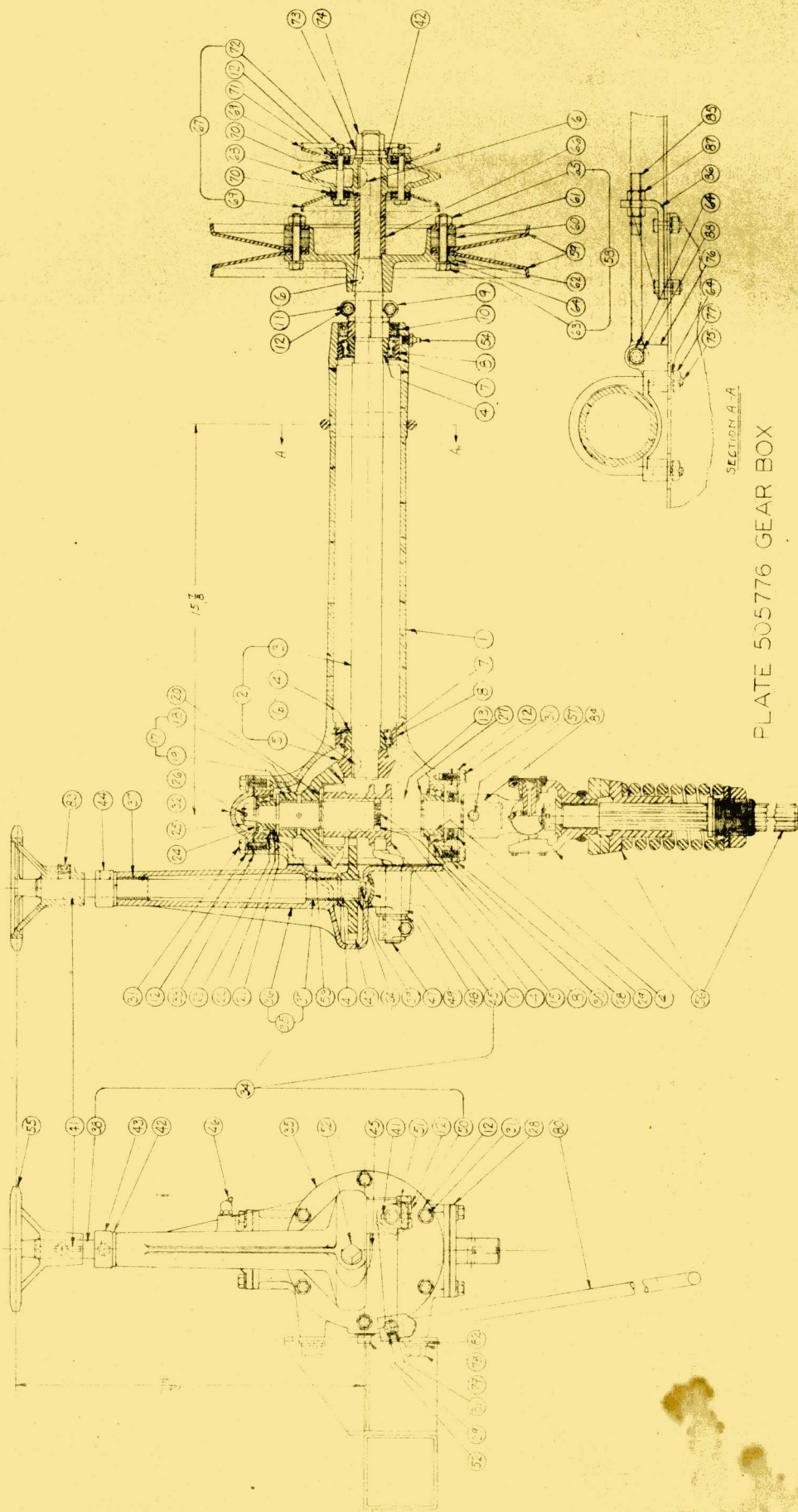


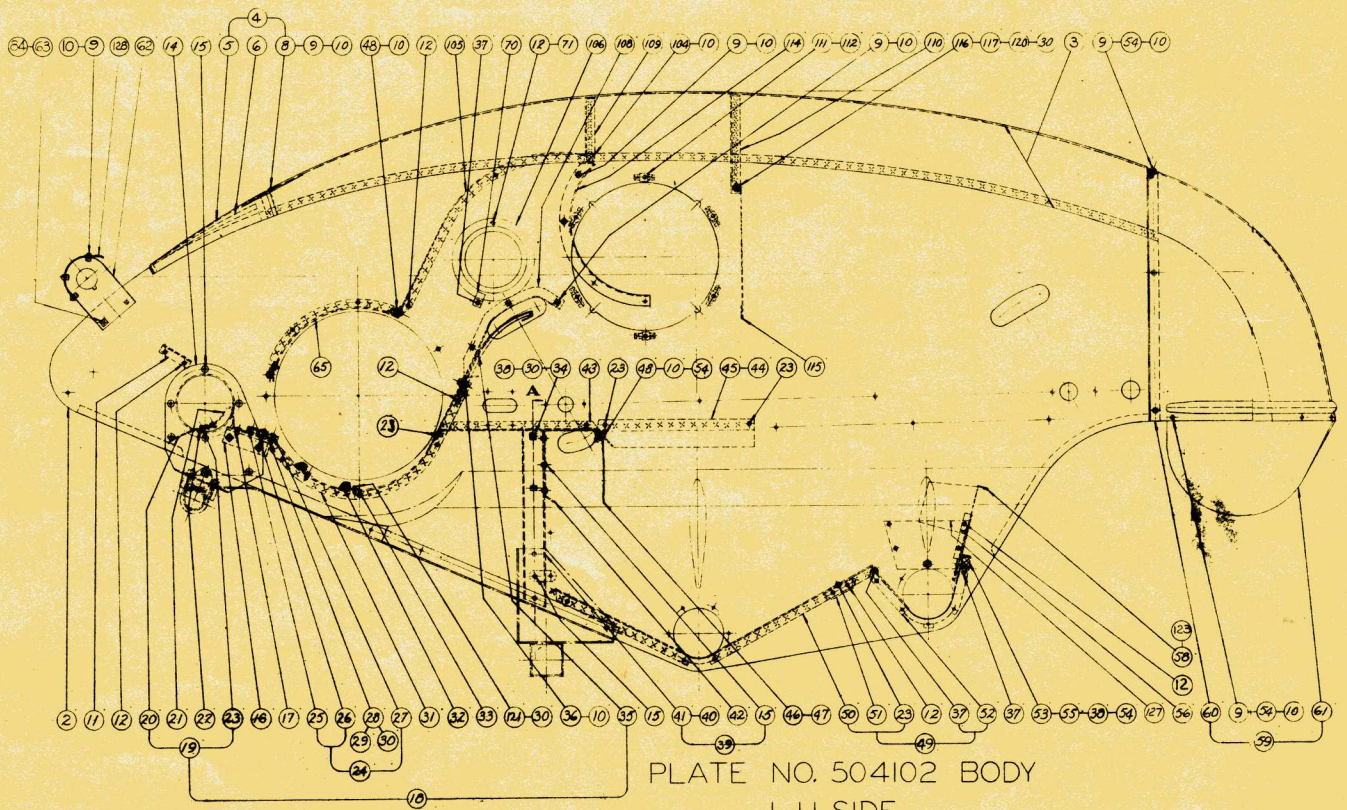
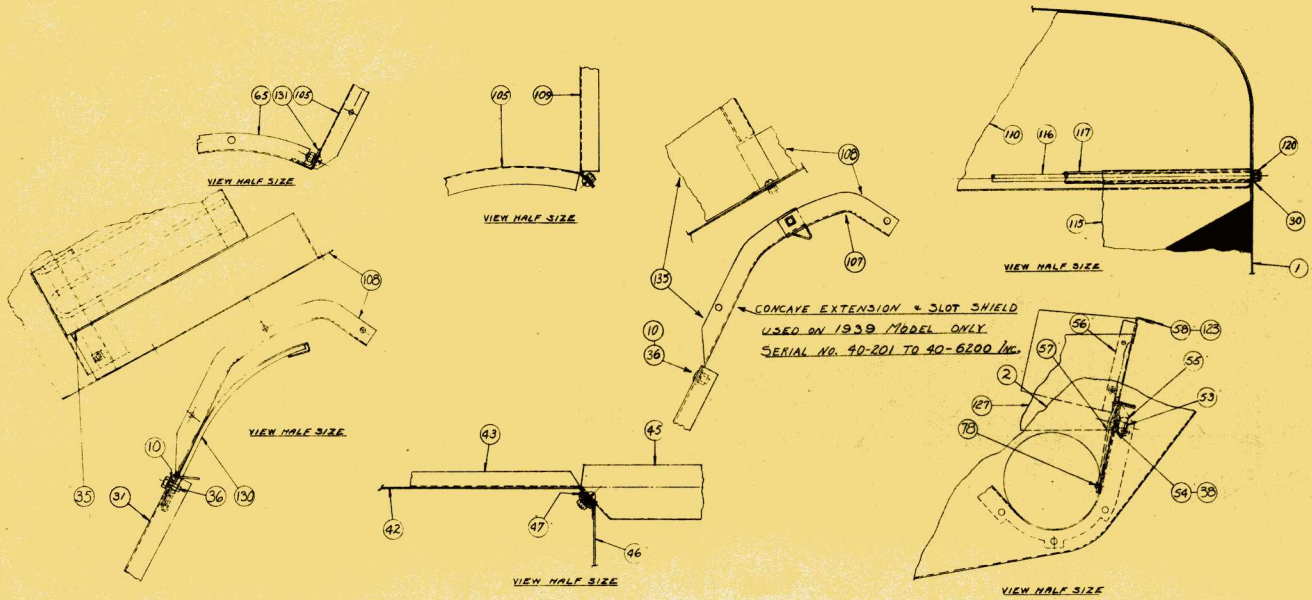
PLATE 505776 GEAR BOX



GEAR BOX (Plate 505776)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
1	504267	1	Gear Box Assem.(Complete less Items 55,75 to 81 Inc.) Used on 40-6200 & Prior	40	502749	1	Bin Drive Gear 27 Teeth 3/4" Bore Used on 40-6200 & Prior
	505776	1	Gear Box Assem.(Complete less Items 55,75 to 81 Inc.) Used on 40-6201 & Since		505628	1	Bin Drive Gear 27 Teeth 3/4" Bore Used on 40-6201 & Since
1	502677	1	Gear Box	41	905123	3	#9 Woodruff Key
2	503032	1	Pinion Shaft Assem.(Includes next 4 Items)	42	910819	2	#12 x 1-3/8 x 49/64 Spec. W.
3	503033	1	Pinion Shaft 1-1/4 x 26-3/8	43	500005	1	Bin Drive Shaft Collar 3/4"
4	#15120	3	Timken Cone	44	910544	2	1/2 x 1/2 Dardelet Set Screws
5	502748	1	Bevel Pinion 16 Teeth, Used on 40-6200 & Prior	45	910005	1	1-1/8 Expansion Plug
	505626	1	Bevel Pinion 16 Teeth, Used on 40-6201 & Since	46	910133	1	Ale. Hyd. Fitting 67-1/2°
6	911233	3	#11 Woodruff Key	47	503046	1	Gear Shifter Finger
7	503034	2	Snap Ring	48	U-309	1	Shifter Seal
8	#15250	3	Timken Cup	49	U-310	1	Shifter Finger Seal Washer
9	502685	1	Pinion Shaft Collar	50	502681	1	Gear Shift Lever
10	504239	1	Pinion Shaft Oil Seal	51	905662	1	5/16 x 1-1/8 Hex. Hd. Cap Screw
11	910743	2	5/16 x 2 Hex. Hd. Machine Bolts Hex. Nut	52	912725	2	1/2" Pipe Plug
12	910286	21	5/16 Lockwashers	53	503047	1	Gear Housing Gasket
13	503035	1	Spline Shaft 1-3/8 x 10-43/64 Used on 40-6200 & Prior	55	910131	1	Ale. Hyd. 1/8 P.T. Str. #1610
	505639	1	Spline Shaft 1-3/8 x 10-43/64 Used on 40-6201 & Since		502682	1	Grain Bin Drive Sprocket 12 T. Used on 40-6200 & Prior
14	905359	2	Spline Shaft Ball	56	505754	1	Grain Bin Drive Sprocket 12 T. Used on 40-6201 & Since
15	503036	1	Spline Shaft Spring		504252	1	P.T.O. Slip Clutch & Joint Assem.(See Plate 505780) Used on 40-6200 & Prior
16	502750	1	Sliding Pinion 15 Teeth, Used on 40-6200 & Prior	57	911533	1	5/16 x 2 R.H. Rivet
	505629	1	Sliding Pinion 15 Teeth, Used on 40-6201 & Since		503048	1	Cylinder Drive Sheave Assem. (Includes next 7 Items)
17	502746	1	Bevel Gear Assem.(Includes next 2 Items) Used on 40-6200 & Prior	59	R5D15909	2	Cyl. Drive Sheave 12-3/4"OD.
	505624	1	Bevel Gear Assem.(Includes next 2 Items) Used on 40-6201 & Since	60	505516	13	Sheave Spacer 5"OD., 3-1/4"ID.
18	502747	1	Bevel Gear 25 Teeth, 1-11/64" Bore Used on 40-6200 & Prior	61	R5D15869	1	Sheave Plate 7"OD., 5"ID.
	505625	1	Bevel Gear 25 Teeth, 1-11/64" Bore Used on 40-6201 & Since	62	502686	1	Sheave Hub
19	502751	1	Bushing	63	910948	6	3/8 x 2 Hex. Hd. Cap Screws
20	503037	1	Gear Front Thrust Washer	64	910287	15	3/8 Lockwashers
21	503038	1	Gear Rear Thrust Washer	65	910324	6	3/8 Hex. C.P.S.F. Nut
22	#09078	1	Timken Cone	66	503049	1	Bevel Pinion Shaft Spacer
23	#09196	1	Timken Cup	67	503050	1	Fan & Sepr. Drive Sheave Assem.(Includes next 5 Items, also 12)Used on 40-6200&Prior
24	912333	2	#16 x 15/16 x 17/32 Spec. W.		505770	1	Fan & Sepr. Drive Sheave Assem.(Includes next 5 Items, also 12)Used on 40-6201&Since
25	912351	1	1/2 Hex. C.P.S.F. Nut	68	502687	1	Sheave Hub Used on 40-6200 & Prior
26	900807	1	1/8 x 1-1/4 Cotter Pin		505655	1	Sheave Hub Used on 40-6201 & Since
27	503039	1	Spline Shaft Front Bearing Washer 1-3/4"OD., 1-3/16"ID.	69	502683	2	Sheave Used on 40-6200 & Prior
28	502679	1	Front Cover	70	505747	2	Sheave Used on 40-6201 & Since
29	504238	1	Spline Shaft Oil Seal	71	503051	4	Spacer 3-1/4"OD., 1-3/4"ID.
30	503040	7	Front Cover Shim	72	503052	2	Reinforcing Plate 3-1/4"ID.
31	903626	14	5/16 x 3/4 Hex. Hd. Cap Screw	73	910559	4	5/16 x 2-1/2 Machine Bolts Used on 40-6200 & Prior
32	502680	1	Rear Cover		910290	4	5/16 x 2-1/4 Machine Bolts Used on 40-6201 & Since
33	503041	8	Rear Cover Shim	74	904369	1	3/4 Lockwasher
34	503045	1	Spur Gear Housing & Shaft Assem.(Includes Items 24 & 35, 38 to 43 Inc., 45 to 51 Inc.) Used on 40-6200 & Prior	75	910175	1	3/4 Hex. C.P.S.F. Nut
	505769	1	Spur Gear Housing & Shaft Assem.(Includes Items 24 & 35, 38 to 43 Inc., 45 to 51 Inc.) Used on 40-6201 & Since	76	503053	1	Gear Box Tube "U" Bolt
35	503042	1	Gear Housing Assem.(Includes next 2 Items)	504594	1	Gear Box Tube Support Used on 40-6200 & Prior	
36	502678	1	Gear Housing	77	505652	1	Support Used on 40-6201&Since
37	503043	2	Housing Bushing		910513	2	3/8 Hex. H.P. Nuts
38	503044	1	Bin Drive Shaft 3/4"x13-9/16" Used on 40-6200 & Prior	78	904208	2	1/2 Lockwashers
	505755	1	Bin Drive Shaft 3/4"x13-9/16" Used on 40-6201 & Since	79	911980	2	1/2 x 7/8 Hex. Hd. Cap Screw
39	900805	2	1/8 x 3/4 Cotter Pin	80	504163	1	Gear Shift Rod
				81	503374	1	Gear Shift Rod Pin 5/16 x 7/8
				82	911416	2	#14 x 1 x 9/16 Spec. Washers
				83	902872	1	1/2 x 1/2 H.Hd.C.P.Set Screw Used on 40-6201 & Since
				84	905126	1	#15 Woodruff Key(911233 Used on 40-6200 & Prior)
				85	505673	1	Eye Bolt
				86	505674	1	Belt Tightener Clip
				87	910881	2	7/16 Hex. H.P. Nut
				88	910158	1	3/8 x 1-1/2 Machine Bolt







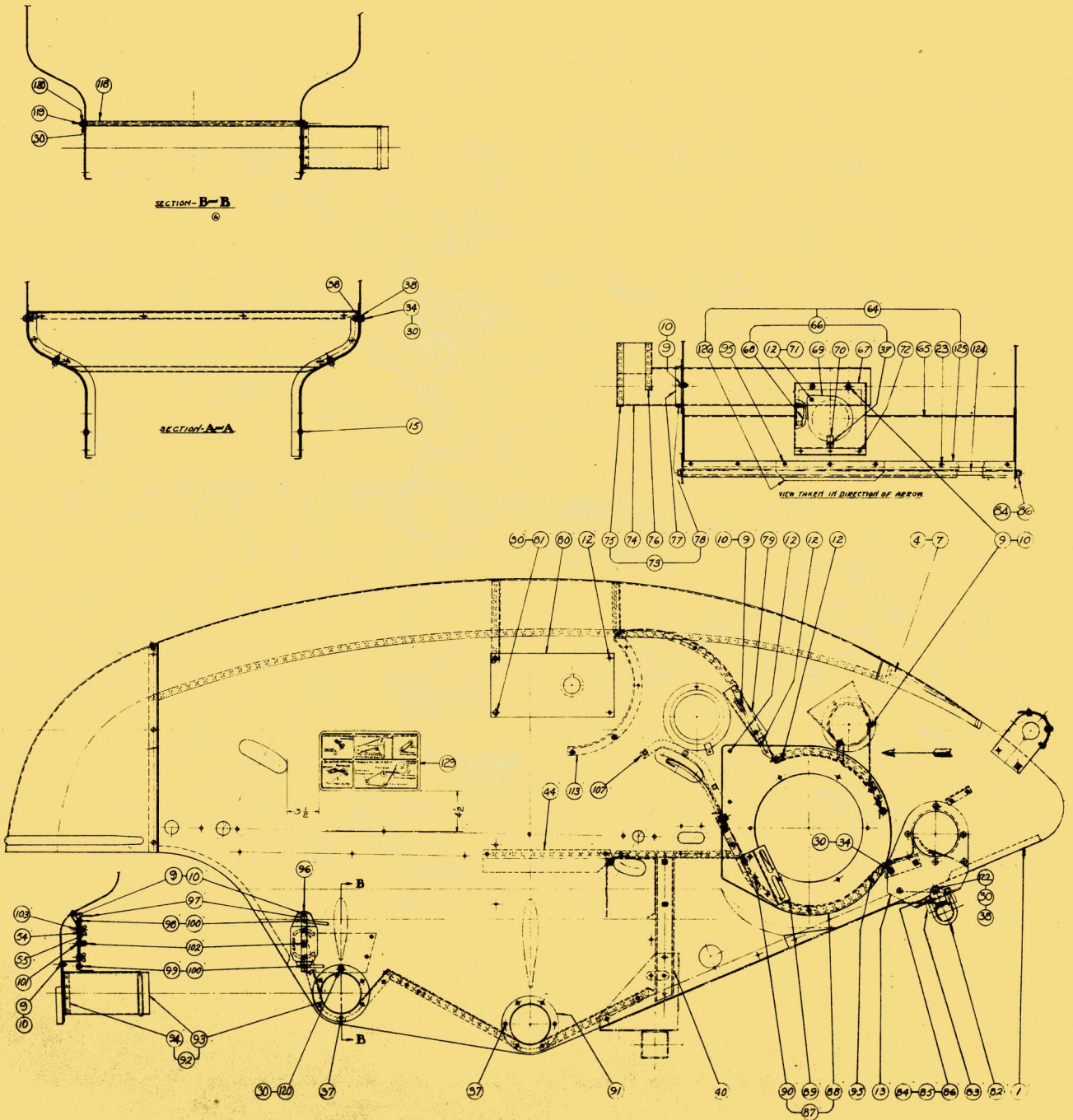


PLATE NO. 504102 BODY  
R.H. SIDE



BODY  
(Plate 504102)

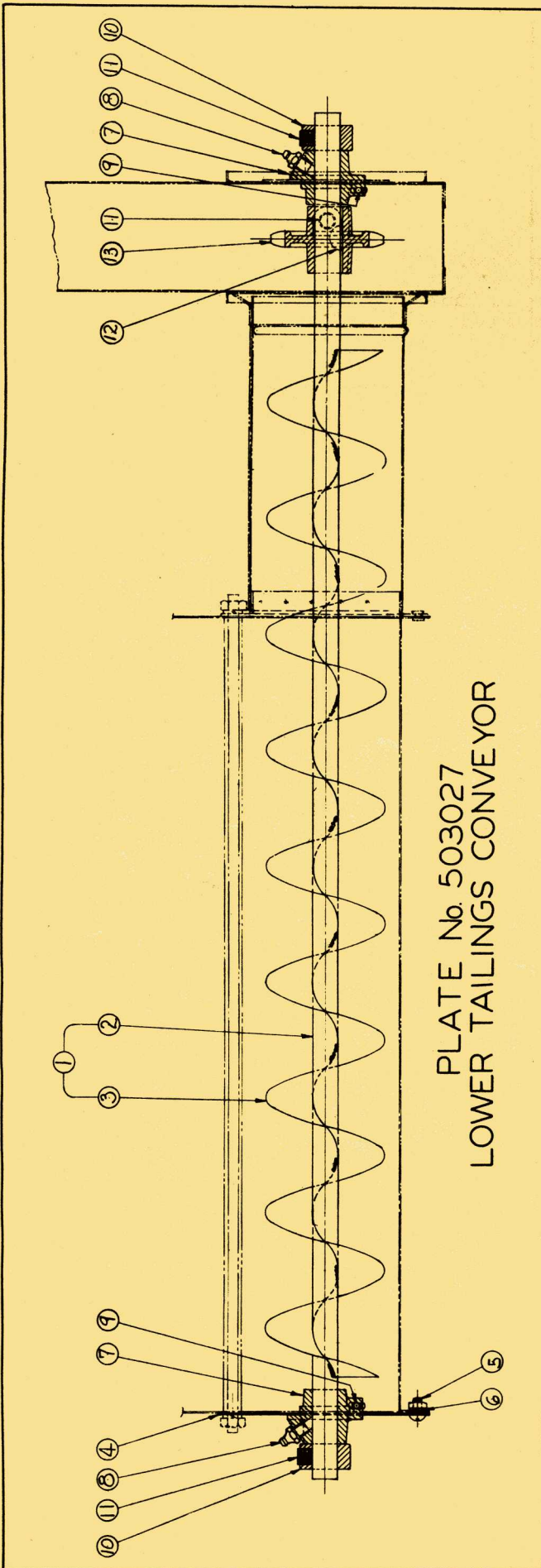
Item	Part No.	Qty.	Name
-	504102	1	Body Assembly Complete
1	504009	1	Body Side Panel R.H.
2	504010	1	Body Side Panel L.H.
3	502621	1	Body Roof Panel
4	502624	1	Roof Door Assem. (Includes next 4 Items)
5	502625	1	Roof Door Panel
6	502626	1	Roof Door Panel Reinforcement R.H.
7	502627	1	Roof Door Panel Reinforcement L.H.
8	502628	2	Roof Door Hinge - 3" Spec. Light Strap Hinge
9	900863	50	1/4 x 1/2 R.H. Stove Bolts
10	910285	65	1/4 Lockwashers
11	502870	2	Draper Frame Support Angle Used on 40-6200 & Prior
	505682	2	Draper Frame Support Angle Used on 40-6201 & Since
12	900793	32	5# T.T. Rivets
13	504029	1	Header Pivot & Frame Bracket R.H.
14	504030	1	Header Pivot & Frame Bracket L.H.
15	910311	16	1/4 x 1/2 W.B.H. Rivets
16	502876	1	Ledger Plate Support Angle
17	910282	2	3/16 x 1/2 W.B.H. Rivets
18	504186	1	Concave Assem. (Includes Items 10,16,17,19,24, also 28 to 36 Inc.)
19	502874	1	Concave Apron Assem. (Includes next 4 Items)
20	502875	1	Concave Apron
21	502644	1	Concave Apron Extension
22	MA-899	2	Concave Apron to Extension Hinge
23	910280	26	3/16 x 3/8 W.B.H. Rivets
24	502877	1	Ledger Plate Assem. (Includes next 3 Items)
25	502878	1	Ledger Plate
26	502879	1	Ledger Plate Lagging
27	910541	19	3/16 x 8/16 Style #1729 3/8 Dia. Hd. Bifurcated Rivets
28	910982	4	5/16 x 1-1/4 Hex. Hd. Cap Screw 24 NF-2 1" Thrd.
29	910820	4	#12 x 1-1/2 x 11/32 Spec. Washers
30	910286	30	5/16 Lockwashers
31	502632	1	Concave Plate
32	504176	2	Concave Rubber
33	504177	2	Concave Bar
34	910303	8	5/16 x 3/4 Machine Bolts
35	504033	1	Concave Extension - Rear Used on 40-6200 & Prior
	505910	1	Cylinder Grate Cover Plate Used on 40-6201 & Since
36	910386	5	1/4 x 5/8 Carriage Bolts Used on 40-6200 & Prior
	905656	5	1/4 x 5/8 Hex. Hd. Cap Screw 20 NC Used on 40-6201 & Since
37	907168	16	4# T.T. Rivets
38	901165	19	5/16 Std. Washers
39	504221	1	Separator Body Partition Assem.(Includes next 3 Items & 15)
40	502891	1	Separator Body Column R.H.
41	502892	1	Separator Body Column L.H.
42	504073	1	Separator Body Partition
43	502883	1	Grain Drag Floor - Front
44	502884	1	Grain Deflector R.H.
45	502885	1	Grain Deflector L.H.
46	502886	1	Shoe Curtain
47	502887	1	Shoe Curtain Strip
48	904478	9	1/4 x 5/8 R.H. Stove Bolts
49	504222	1	Grain Chute Assem. (Includes next 3 Items, also 23 & 37)
50	504048	1	Grain Chute
51	502895	1	Grain Chute Reinforcement
52	502690	1	Tailings Trough
53	910387	3	1/4 x 3/4 Carriage Bolts - (No Nut)
54	900816	23	1/4 Std. Washers
55	904153	3	1/4 St. Wing Nuts
56	502896	2	Tailings Trough Door Guide Used on 40-6200 & Prior
	505675	2	Tailings Trough Door Guide Used on 40-6201 & Since
	503150	2	Tailings Trough Tail Board Shield Used on 40-6200 & Prior
57	505789	2	Tailings Trough Tail Board Shield Used on 40-6201 & Since
	503149	1	Tailings Trough Tail Board Used on 40-6200 & Prior
58	505636	1	Tailings Trough Tail Board Used on 40-6201 & Since
59	502899	1	Hood Assem. (Includes next 2 Items, also 9,10, & 54)
60	502629	1	Hood
61	502650	1	Hood Straw Deflector
62	503144	2	Upper Draper Bearing Plate Used on 40-6200 & Prior
	505696	2	Upper Draper Bearing Plate Used on 40-6201 & Since
	901353	2	5/16 x 3/4 R.H. Stove Bolts Used on 40-6200 & Prior
63	913074	2	3/8 x 3/4 R.H. Stove Bolts Used on 40-6201 & Since
64	504132	1	Cylinder Cover Plate Assem.(Includes next 2 Items,also 72)Used on40-6200&Prior
	505640	1	Cylinder Cover Plate Assem.(Includes next 2 Items,also72)Used on 40-6201&Since



BODY, Cont'd.  
(Plate 504102)

Item	Part No.	Qty.	Name
65	504023	1	Cylinder Cover Plate Used on 40-6200 & Prior
	505641	1	Cylinder Cover Plate Used on 40-6201 & Since
66	504133	1	Upper Tailings Conveyor Spout Assem. (Includes next 6 Items, also 12 & 37)
67	504134	1	Upper Tailings Conveyor Spout
68	504135	1	Upper Tailings Conveyor Spout Back
69	501604	1	Hand Hole Cover
70	R4K-2839	3	Hand Hole Cover Clip
71	910531	3	3/16 T.T. Rivet Burr
72	911200	3	3/16 x 4/16 Tubular Rivets
73	504127	1	Upper Tailings Conveyor Tube Assem. (Includes next 4 Items, also 72)
74	504128	1	Upper Tailings Conveyor Tube
75	504037	1	Upper Tailings Conveyor Tube End (Outer)
76	504038	1	Upper Tailings Conveyor Tube End (Inner)
77	504039	1	Upper Tailings Conveyor Tube Ring
78	910542	7	3/16 x 5/16 Tubular Rivets
79	504042	1	Tailings Elevator Upper Support Bracket
80	502888	1	Beater Bearing Reinforcement Plate
81	906574	1	5/16 x 5/8 R.H. Stove Bolt
82	503148	2	Separator Support "U" Bolts
83	502552	2	Separator Support Saddle Used on 40-6200 & Prior
	505627	2	Separator Support Saddle Used on 40-6201 & Since
84	910287	8	3/8 Lockwashers
85	900817	4	3/8 Std. Washers
86	910513	6	3/8 Hex. HP Nuts
87	502881	1	Cylinder Side Reinforcement Assem. (Includes next 3 Items)
88	502638	1	Cylinder Side Reinforcement
89	502882	1	Fan Belt Idler Bracket
90	911572	3	1/4 x 5/8 Ctsk. Hd. Rivets
91	502646	1	Grain Conveyor Ring
92	502897	1	Tailings Conveyor Tube Assem. (Includes Items 91 & 93)
93	502898	1	Tailings Conveyor Tube
94	504592	1	Tailings Conveyor Spiral Housing Ring
95	910516	6	3/16 x 7/16 W.B.H. Rivets
96	504161	1	Cleaning Fan Valve Adj. Bracket
97	504162	2	Cleaning Fan Valve Adj. Lever
98	504158	1	Cleaning Fan Valve Pull Rod (Upper)
99	504159	1	Cleaning Fan Valve Pull Rod (Lower)
100	900801	2	3/32 x 3/4 Cotter Pin
101	900865	1	1/4 x 3/4 R.H. Stove Bolt
102	910965	1	1/4 - 20 So. Nut
103	910387	2	1/4 x 3/4 Carriage Bolt - (No Nut)
104	906572	5	1/4 x 3/8 R.H. Stove Bolts
105	502634	1	Cylinder Discharge Cover
106	502645	2	Body Hand Hole Cover
107	504031	1	Front Rocker Arm Slot Shield R.H. Used on 40-6200 & Prior
	505911	1	Front Rocker Arm Slot Shield R.H. Used on 40-6201 & Since
108	504032	1	Front Rocker Arm Slot Shield L.H. Used on 40-6200 & Prior
	505912	1	Front Rocker Arm Slot Shield L.H. Used on 40-6201 & Since
109	502630	1	Discharge Plate Partition
110	502631	1	Partition Back of Beater
111	502647	6	Beater Opening Plate Nut Retainer
112	910292	6	5/16 Square Nuts
113	504024	1	Beater Head Shield R.H.
114	504025	1	Beater Head Shield L.H.
115	503145	1	Beater Curtain Used on 40-6200 & Prior
	505753	1	Beater Curtain Used on 40-6201 & Since
116	503146	1	Beater Curtain Tie Rod 5/16" Dia., 38-1/4" Long
117	503147	1	Beater Curtain Tie Rod Spacer 1/4" x 36-13/16" Pipe
118	504586	1	Tailings Trough Tie Rod Spacer 1/4" x 23-3/4"
119	504585	1	Tailings Trough Tie Rod 5/16" x 25-1/4"
120	910981	4	5/16 Hex. Nuts
121	910304	12	5/16 x 5/8 Machine Bolts
122	910303	2	5/16 x 3/4 Machine Bolts Used on 40-6201 & Since
123	505790	1	Tail. Trough Tail Board Assem. Used on 40-6201 & Since
124	503186	1	Spreader Rod Used on 40-6201 & Since (3/8" x 38-3/16")
125	505642	1	Cylinder Cover Plate Reinforcement Used on 40-6201 & Since
126	505695	1	Cylinder Housing Deflector Used on 40-6201 & Since
127	505756	2	Body Panel Rear Reinforcement Used on 40-6201 & Since
128	505706	1	Upper Draper Grain Shield Used on 40-6201 & Since
129	505668	1	Belt Diagram Transfer Used on 40-6201 & Since
130	505909	1	Cylinder Grate Used on 40-6201 & Since
131	505922	1	Cylinder Cover Plate Reinforcing Angle Used on 40-6201 & Since



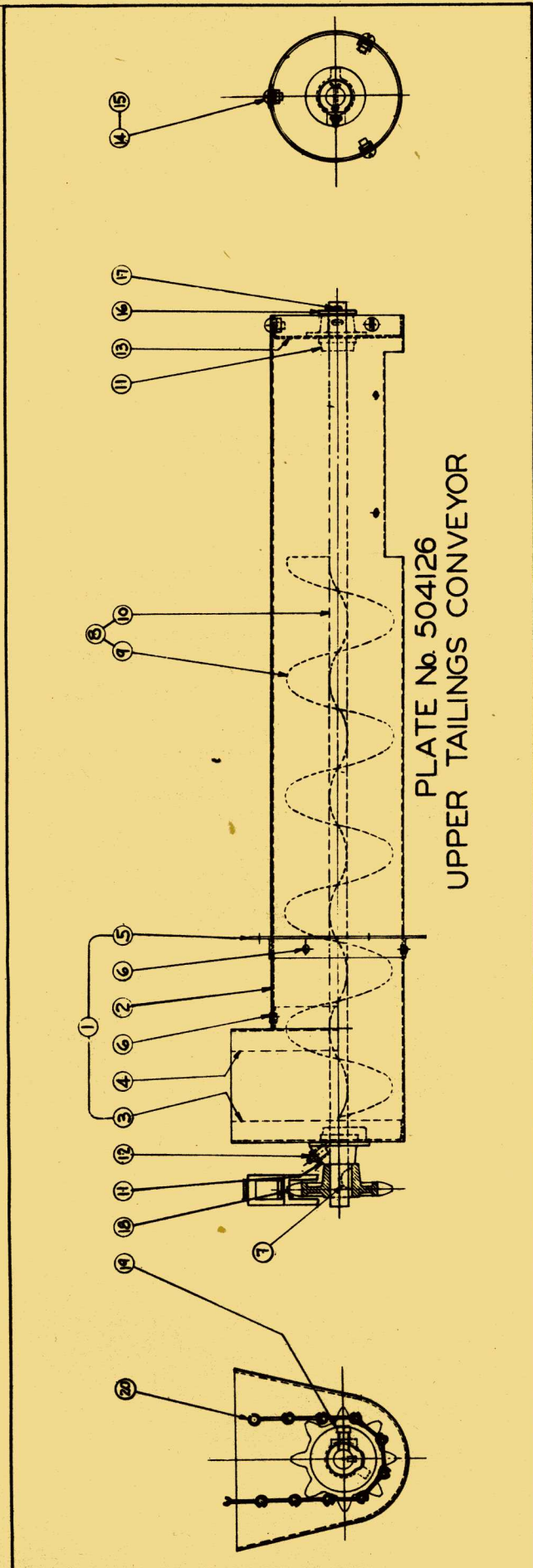


LOWER TAILINGS CONVEYOR

(Plate 503027)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	503027	1	Tailings Conveyor Assem. Complete
1	503028	1	Spiral Assem. (Includes next 2 Items)
2	503030	1	Spiral Shaft 3/4" Dia., 41-3/16" Long
3	503029	1	Spiral
4	504593	1	Conveyor Removable Disc
5	900863	5	1/4x5/8 R.H. Stove Bolts
6	910285	5	1/4 Lockwashers
7	502279	2	Conveyor Shaft Bearing
8	910131	2	Lubricator 1/8 P.T. Str. #1610
9	904005	2	3/16x3/4 Cotter Pin
10	500005	2	3/4 Shaft Collar
11	910544	3	1/2 x 1/2 Dardelet Set Screws
12	905123	1	#9 Woodruff Key
13	502281	1	Tailings Elevator Lower Sprocket 8 Teeth, 3/4" Bore, 32 Chain

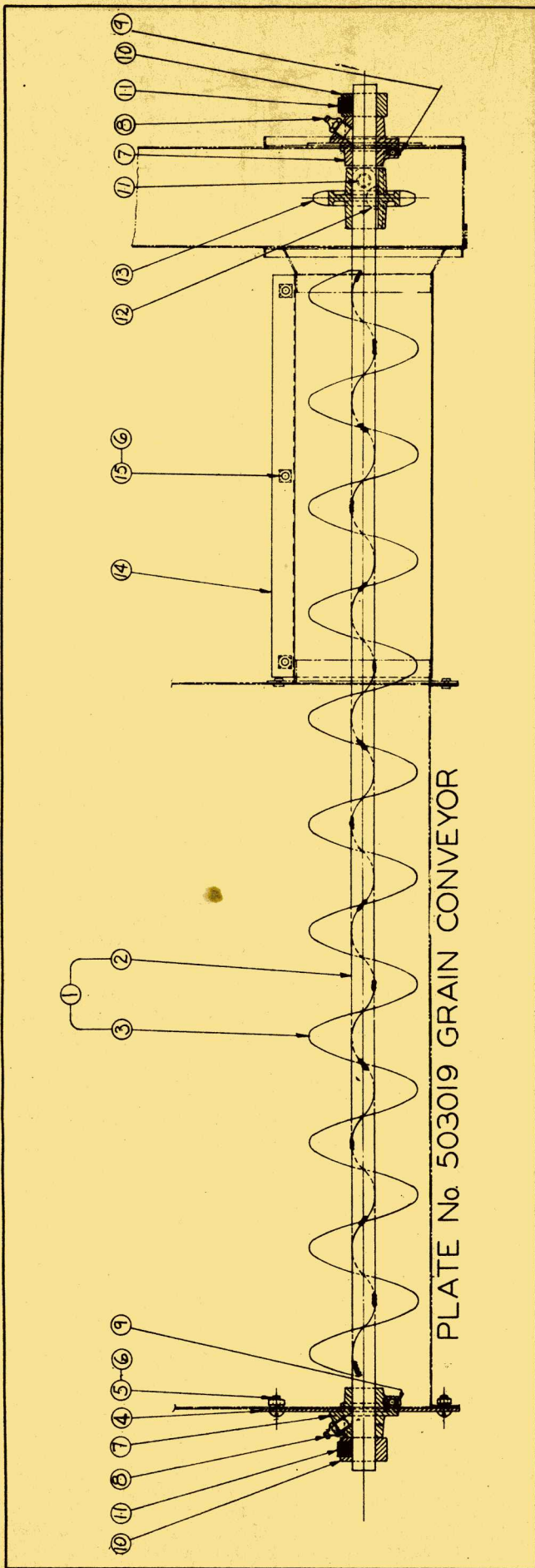




UPPER TAILINGS CONVEYOR  
(Plate 504126)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	504126	1	Upper Tailings Conveyor Assem. (Includes Items 1 to 12 Inc. & 18)
1	504127	1	Conveyor Tube Assem. (Incl. next 5 Items)
2	504128	1	Conveyor Tube
3	504037	1	Tube End - Outer
4	504038	1	Tube End - Inner
5	504039	1	Tube Ring
6	911200	4	3/16 x 4/16 Tubular Rivet
7	905123	1	#9 Woodruff Key
8	504129	1	Conveyor Spiral Assem. (Includes next 2 Items)
9	504130	1	Spiral
10	504131	1	Shaft 5/8" Dia., 31" Long
11	503916	2	Shaft Bearing
12	910131	2	Ale. Hyd. 1/8 P.T. Str. #1610
13	504036	1	Conveyor Tube Head
14	900863	3	1/4 x 1/2 R.H. Stove Bolts
15	910285	3	1/4 Lockwashers
16	910816	1	#12 x 1-1/4 x 41/64 Spec. Washer
17	912317	1	5/32 x 1 Cotter Pin
18	503928	1	Conveyor Driven Sprocket 8 Teeth, 5/8" Bore, #32 Chain
19	901276	1	3/8 x 5/8 Sq. Hd. C.P. Set Screw
20	504175	1	Upper Tailings Conv. Drive Chain, #32 St. Spkt. Ch. 22L. (For Single Link order MA-305)





GRAIN CONVEYOR  
(Plate 503019)

Item	Part No.	Qty.	Name
-	503019	1	Grain Conveyor Assem. (Complete less Items 14 & 15)
1	503020	1	Grain Conveyor Spiral Assem. (Includes next 2 Items)
2	503022	1	Spiral Shaft 3/4" Dia., 45-3/4" Long
3	503021	1	Spiral
4	503023	1	Conveyor Removable Disc
5	900863	6	1/4 x 5/8 R.H. Stove Bolts
6	910285	9	1/4 Lockwashers
7	502279	2	Conveyor Shaft Bearing
8	910131	2	Ale. Hyd. 1/8 P.T. Str. #1610
9	904005	2	3/16 x 3/4 Cotter Pin
10	500005	2	3/4 Shaft Collar 3/4" Set Collar
11	910544	3	1/2 x 1/2 Dardeliet Set Screws
12	905123	1	#9 Woodruff Key
13	502281	1	Grain Elevator Lower Sprkt 8 Teeth, 3/4" Bore, #32 Ch.
14	503024	1	Conveyor Cover (Blank)
	503025	1	Weed Screen 7/64x5/8 Perf.
	503026	1	Weed Screen 1/16x3/8 Perf.
15	900865	3	1/4 x 3/4 R.H. Stove Bolts



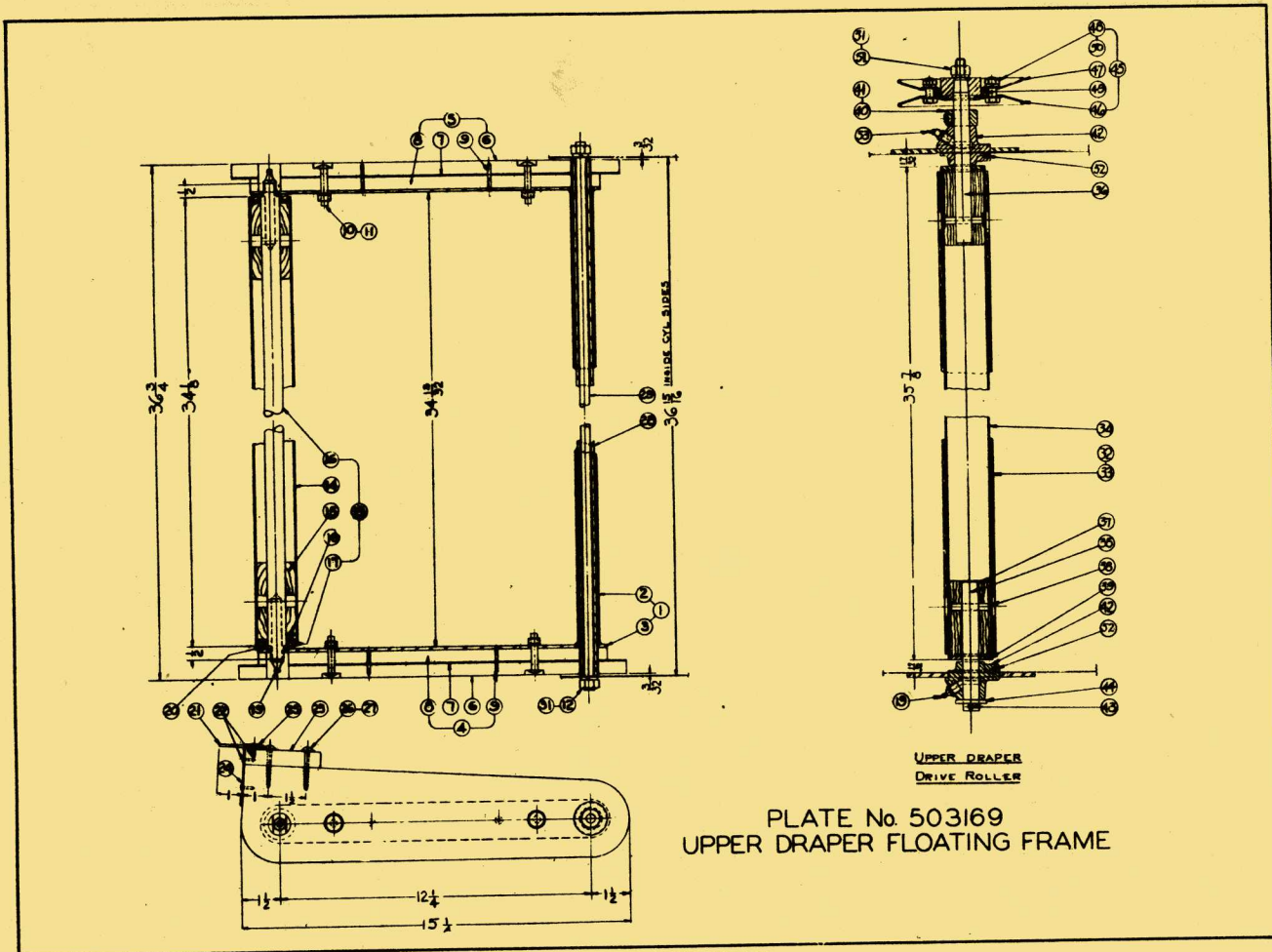


PLATE No. 503169  
UPPER DRAPER FLOATING FRAME

UPPER DRAPER FRAME

(Plate 503169)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	503169	1	Upper Draper Frame Assem. (Includes Items 1 to 26 Inc.)	27	910531	4	3/16 Tinnners Rivet Burrs
1	503170	1	Frame Stiffener Assem. (Includes next 2 Items)	28	503187	1	Cyl. Side Spreader Rod Spacer 3/8" x 36-15/16" Pipe
2	503172	1	Stiffener Pipe	29	503186	1	Cyl. Side Spreader Rod 3/8" x 38-3/16" Long
3	503171	2	Stiffener Plate	31	910287	3	3/8 Lockwashers
4	503173	1	Side Assem. R.H. (Includes Items 6 to 9 Inc.)	32	503188	1	Upper Draper Drive Roller Assem. (Incl. next 7 Items)
5	503174	1	Side Assem. L.H. (Includes next 4 Items)	33	503153	1	Drive Roller - Covered
6	503175	2	Frame Side	34	503152	1	Roller Tube
7	503177	2	Frame Rub Plate	35	503190	1	Stub Shaft R.H. 5/8x5-1/8
8	503176	2	Frame Runner	36	503191	1	Stub Shaft L.H. 5/8x7-5/16
9	910832	4	2d Common Wire Nails	37	503189	2	Drive Roller Bushing
10	910393	4	1/4x1-1/2 Carriage Bolts	38	912362	2	1/4x1-7/8 Ctsk. Hd. Rivets
11	910285	4	1/4 Lockwashers	39	912354	2	#12x1-39/64x41/64 Special Washers
12	910513	2	3/8 Hex. H.P. Reg. Nut	40	503192	1	Drive Roller Set Collar, 5/8" Set Collar
13	503178	1	Idler Roller Assem. (Incl. next 5 Items)	41	902870	1	3/8x3/8 H.H.C.P. Set Screw
14	503179	1	Idler Roller	42	502129	2	Drive Roller Bearing
15	503180	2	Roller Bushing	43	900938	1	3/16x1 Cotter Pin
16	503181	1	Roller Shaft, 3/4x35-1/8	44	910816	1	#12x1-1/4x41/64 Spec. Washer
17	912352	2	#12x1-31/64x7/8 Spec. Washer	45	503012	1	Upper Draper Roller Drive Sheave 5" OD.
18	K5D-15900	2	Felt Washers	46	503013	1	Sheave with Hub 5" OD.
19	910131	3	Lubricator 1/8 P.T. Str. #1610	47	503014	1	Sheave without Hub 5" OD.
20	910819	2	#12x1-3/8x49/64 Spec. Washer	48	910303	3	5/16x3/4 Hex. Hd. Machine Bolts - Hex. Nut
21	503184	1	Frame Closure Strip	49	912369	15	#20x5/8x21/64 Spec. Washers
22	910833	14	3/4 x 14 Ga. Broom Nails	50	910286	3	5/16 Lockwashers
23	503182	1	Frame Cross Board	51	910123	1	3/8 Hex. C.P. S.F. Nut 24NF-2
24	503183	1	Frame Grain Stop	52	904005	2	3/16x3/4 Cotter Pin
25	503185	1	Closure Retainer Strip	53	910132	1	Lubricator 1/8PT. 30° #1611
26	910509	4	#9 x 1-1/2 R.H. Wood Screws				



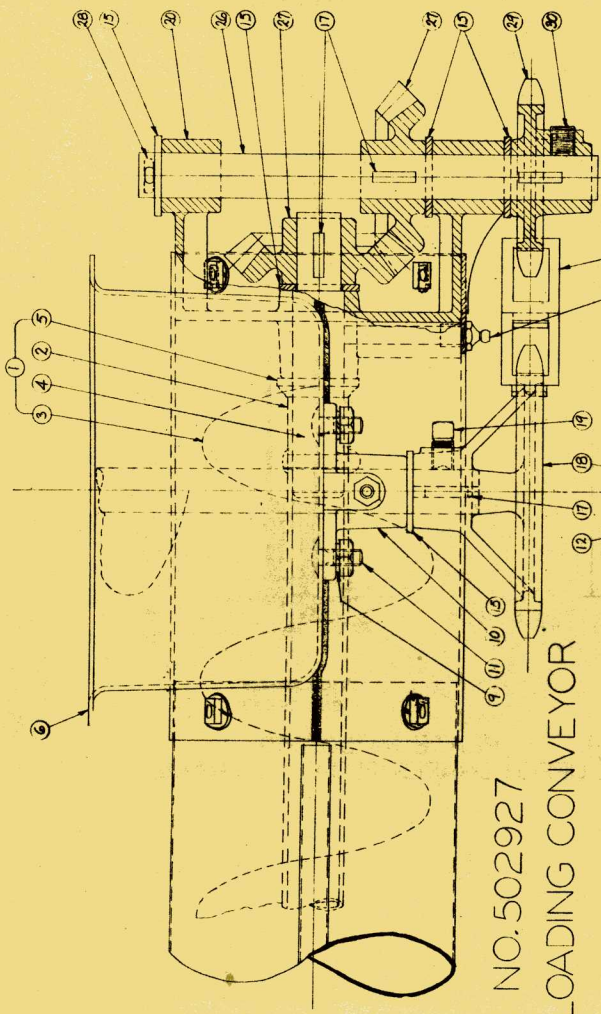
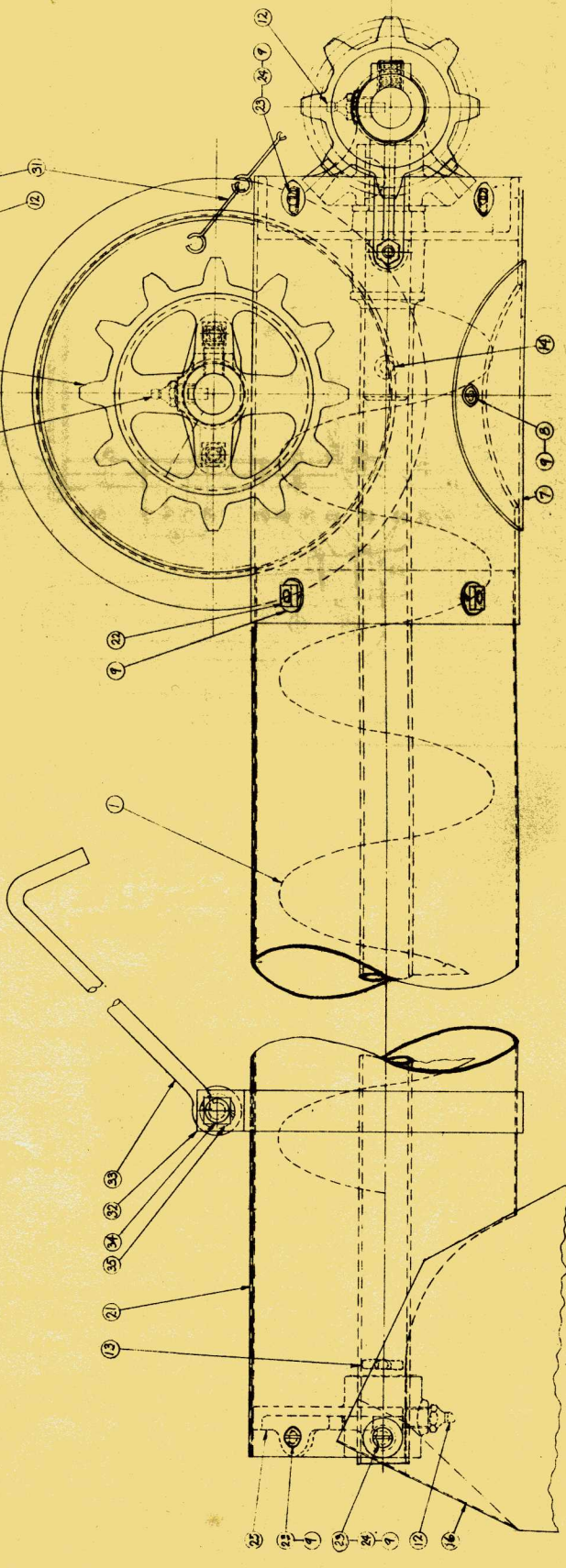


PLATE NO. 502927  
GRAIN BIN UNLOADING CONVEYOR

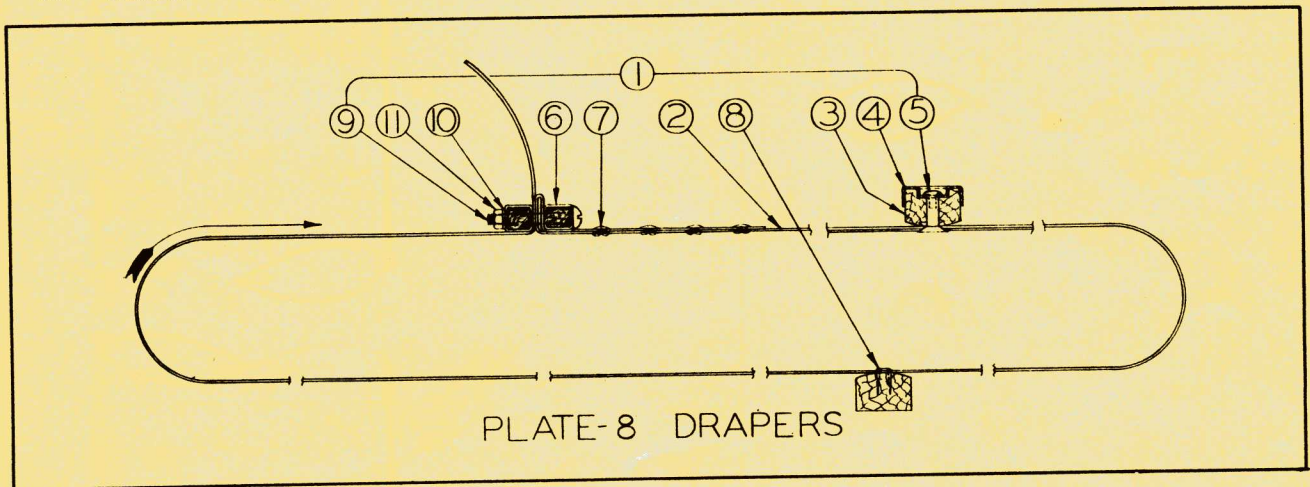




GRAIN BIN UNLOADING CONVEYOR

(Plate 502927)

Item	Part No.	Qty.	Name
-	502927	1	Grain Bin Unloading Conveyor Assem.(Complete less Items 18 & 31)
1	502932	1	Unloading Spiral Assem.(Includes next 4 Items,also 13 & 14)
2	502934	1	Unloading Spiral Shaft 1"OD., 76-15/16" Long
3	502933	1	Unloading Spiral
4	502935	1	Spiral Stub Shaft 7/8"Dia., 4-13/16" Long
5	910817	1	#12 x 1-5/16 x 57/64 Spec. Washer
6	502654	1	Conveyor Boot Assem.
7	502930	1	Boot Hand Hole Cover
8	910933	2	1/4 x 3/8 R.H. Stove Bolt (No Nut)
9	910285	16	1/4 Lockwashers
10	502402	1	Grain Bin Conveyor Front Bearing
11	910388	2	1/4 x 3/4 Carriage Bolts
12	910131	5	Ale. Hyd. 1/8 P.T. Str. #1610
13	900811	1	3/16 x 1-1/2 Cotter Pin
14	910926	1	1/4 x 1-1/4 R.H. Rivet
15	910819	5	#12 x 1-3/8 x 49/64 Spec. Washers
16	502929	1	Unloading Conveyor Chute
17	905123	4	#9 Woodruff Key
18	502682	1	Unloading Conveyor Drive Sprocket 12 Teeth, 3/4"Bore, #32 Chain
19	901275	1	3/8 x 1/2 Sq. Hd. C.P. Set Screw
20	502931	1	Housing Bearing Bracket
21	502928	1	Unloading Conveyor Tube
22	900863	4	1/4 x 1/2 R.H. Stove Bolts
23	904478	8	1/4 x 5/8 R.H. Stove Bolts
24	900816	6	1/4 Std. Washers
25	502404	1	Conveyor Upper Bearing
26	502936	1	Housing Cross Shaft 3/4"Dia., 7-7/8" Long
27	502322	2	Conveyor Bevel Gear 15 Teeth, 3/4" Bore
28	900810	1	3/16 x 1-1/4 Cotter Pin
29	502318	1	Conveyor Driven Sprocket 8 Teeth, 3/4" Bore, #32 Chain
30	902872	1	1/2 x 1/2 H.H. C.P. Set Screw
31	502939	1	#32 St. Sprocket Chain 21 Links (For Single Link order MA-305)
32	502937	1	Unloading Tube Band
33	502938	1	Unloading Tube Hook
34	911869	1	5/16 x 1-1/2 Machine Bolt
35	910286	1	5/16 Lockwasher



UPPER DRAPER (Plate 8)				LOWER DRAPER (Plate 8)			
Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
1	504228	1	Upper Draper Assem.Complete	1	504229	1	Lower Draper Assem.Complete
2	504230	1	Canvas	2	504231	1	Canvas
3	503197	4	Slats	3	503198	6	Draper Slats
4	503359	8	Slat Clip	4	503359	12	Slat Clips
5	912657	8	3/16x10/16 Belt Hd. Copper St. Tub.Rivet(1/2 Dia.Hd.)	5	912657	12	3/16x10/16 Belt Hd.Coppered St. Tubular Rivets
6	504232	2	Connecting Slat	6	504232	2	Connecting Slats
7	910539	10	#10-24x1-1/4 R.H.Machine Screw (Cadmium Plated)	7	910539	10	#10-24x1-1/4 R.H.Mach.Screws
8	901408	10	#10-24 Hex. Brass Nuts	8	901408	10	#10-24 Hex. Brass Nuts
9	907592	10	3/16 Lockwashers(Cadm.Plated)	9	907592	10	3/16 Lockwashers
10	910540	4	5/32x4/16-#886-5/16Hd.Rivets	10	910540	8	5/32x4/16 Steel Bifurcated Clinch Rivets
11	910837	103	#9 Double Ptd.Staples-Blued	11	910837	143	#9 Double Pt.Staples-Blued



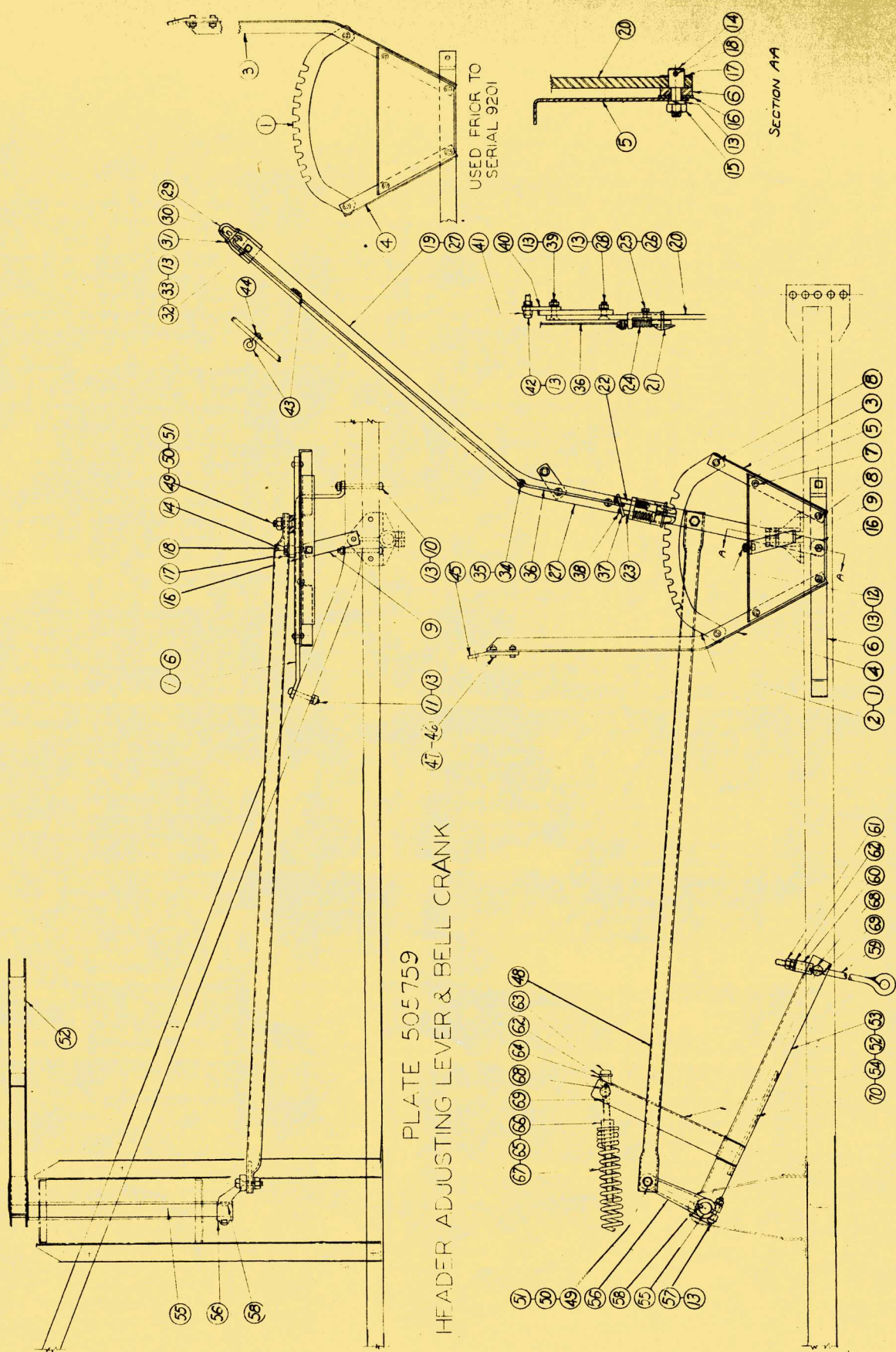


PLATE 505759  
 HEADER ADJUSTING LEVER & BELL CRANK



HEADER ADJUSTING LEVER & BELL CRANK

(Plate 505759)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	505759	1	Header Adj. Lever & Bell Crank	39	901355	1	3/8 x 1-1/2 F.H. Stove Bolt
1	503202	1	Quadrant Support Assembly	40	503216	1	Lever Adjusting Link
			(Includes next 7 Items) Used on 40-9200 & Prior	41	503217	1	Link Spacer 3/8" x 3/8" Pipe
	505927	1	Quadrant Support Assembly	42	910158	1	3/8 x 1-1/2 Machine Bolt
			(Includes next 7 Items) Used on 40-9201 & Since	43	503942	1	Adjusting Reel Cord Eye Bolt
2	503203	1	Quadrant	44	900801	1	3/32 x 3/4 Cotter Pin
			Support Angle - Front Used on 40-9200 & Prior	45	504165	1	Gear Shift Rod Support Bracket
3	503204	1	Support Angle - Front Used on 40-9201 & Since	46	910299	2	1/4 x 3/4 Machine Bolts
			Support Angle - Rear Used on 40-9200 & Prior	47	910285	2	1/4 Lockwashers
4	505928	1	Support Angle - Front Used on 40-9201 & Since	48	503219	1	Header Lift Reach Rod Assem. Used on 40-6200 & Prior
			Support Angle - Rear Used on 40-9200 & Prior		505680	1	Header Lift Reach Rod Assem. Used on 40-6201 & Since
5	503205	1	Support Angle - Rear Used on 40-9200 & Prior	49	S5D-15664	2	Reach Rod Connecting Bolts
			Support Angle - Rear Used on 40-9201 & Since	50	910195	2	1/2 Hex. C.P.S.F. Amer. Lt. Nut 20 NF-2
5	503206	1	Support Gusset	51	904208	2	1/2 Lockwashers
6	503207	1	Support Bracket	52	503221	1	Header Lift Bell Crank Assem. (Includes next 3 Items) Used on 40-6200 & Prior
7	911087	2	5/16 x 5/8 R.H. Rivets		505705	1	Header Lift Bell Crank Assem. (Includes next 3 Items) Used on 40-6201 & Since
8	911554	4	5/16 x 1 R.H. Rivets	53	503222	1	Bell Crank Arm - Long
9	504166	1	Quadrant Support Brace		54	503223	1
10	910212	1	3/8 x 3-1/2 Machine Bolt	55	503224	1	Bell Crank Pivot Shaft 1-1/16" Dia., 17-7/8" Long Used on 40-6200 & Prior
11	910278	1	3/8 x 2-1/4 Machine Bolt		505700	1	Bell Crank Pivot Shaft 1-1/16" Dia., 17-7/8" Long Used on 40-6201 & Since
12	910309	1	3/8 x 1 Machine Bolt	56	502352	1	Bell Crank Lever
13	910287	9	3/8 Lockwashers	57	910154	1	3/8 x 2 Machine Bolt
14	503209	1	Header Lift Lever Pivot Pin 5/8" Dia., 1-7/8" Long	58	905126	1	#15 Woodruff Key
15	910324	1	3/8 Hex. C.P.S.F. Amer. Std. Reg. Nut 16 NC-2	59	503225	1	Header Adjusting Link Used on 40-6200 & Prior
16	910818	1	#12 x 1-3/8 7/16 Spec. Washer		505701	1	Header Adjusting Link Used on 40-6201 & Since
17	910828	1	#16x1-1/4x41/64 Spec. Washer	60	S5D-5151	1	Header Adj. Screw Spacer 1/2" x 1-3/8" Pipe
18	900938	1	3/16 x 1 Cotter Pin	61	910295	2	1/2 - 13 Hex. H.P. Nuts
19	504168	1	Header Lift Hand Lever Assem. (Includes next 25 Items & 13)	62	900818	2	1/2 Std. Washers
20	504169	1	Hand Lever - Lower	63	912337	1	1/2x10 Machine Bolt 8" Thrd.
21	503976	1	Lever Detent Guide	64	S5D-8141	1	Spring Adj. Bolt Spacer 1/2" x 3/4" Pipe
22	504170	1	Lever Detent - Front	65	503227	1	Counterbalance Spring Assem. (Includes next 2 Items)
23	504171	1	Lever Detent - Rear		66	502350	1
24	504172	2	Lever Detent Spring	67	502327	1	Balance Spring
25	905661	1	5/16 x 5/8 Hex. Hd. Cap Screw	68	504104	2	Header Lift Lever Pin 7/8" Dia., 2-1/8" Long
26	910286	1	5/16 Lockwasher	69	900810	2	3/16 x 1-1/4 Cotter Pin
27	503214	1	Hand Lever - Upper	70	505679	1	Bell Crank Arm Long Reinf. Used on 40-6201 & Since
28	905187	1	3/8 x 1-1/4 F.H. Stove Bolt				
29	D4C-105	1	Lever Latch Base				
30	501212	1	Lever Latch				
31	910517	1	1/4 x 1 W.B.H. Rivet				
32	910289	1	3/8 x 1-1/4 Machine Bolt				
33	900817	1	3/8 Std. Washer				
34	S5D-7588	1	Lever Rod Spacer 1/8x3/8 Pipe				
35	911442	1	1/4 x 1 Cotter Pin				
36	504173	1	Lever Latch Rod				
37	504174	1	Detent Bar				
38	900805	2	1/8 x 3/4 Cotter Pin				



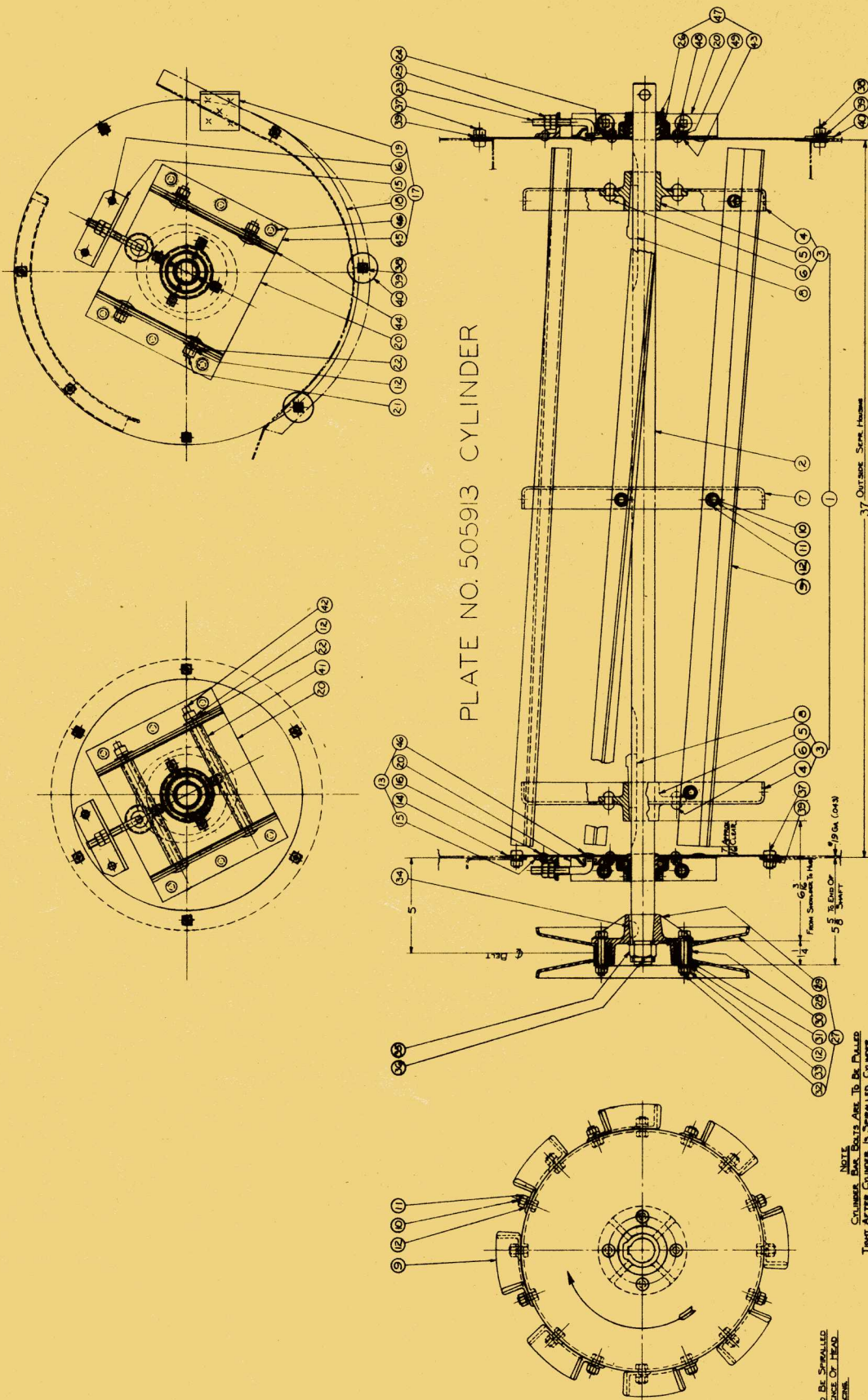


PLATE NO. 505913 CYLINDER

NOTE  
 CYLINDER END BOLTS ARE TO BE TIGHTER THAN HEAD BOLTS AND TO BE TORQUED AT 1700 LB-FM.  
 CYLINDER BOLTS TO BE SPACED 1/4 OF CIRCUMFERENCE OF HEAD OR ONE HOLE SPACING.



CYLINDER

(Plate 505913)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	{ 504216	1	Cylinder Assem. (Complete With Bearings & Sheave) Used on 40-6200 & Prior
	{ 505785	1	Cylinder Assem. (Complete With Bearings & Sheave) Used on 40-6201 to 40-9200 Inc.
	{ 505913	1	Cylinder Assem. (Complete With Bearings & Sheave) Used on 40-9201 & Since
1	{ 504217	1	Cylinder Assem. (Includes next 11 Items) Used on 40-6200 & Prior
	{ 505786	1	Cylinder Assem. (Includes next 11 Items) Used on 40-6201 & Since
2	502942	1	Cylinder Shaft 1-3/16" Dia., 45-1/2" Long
3	502943	2	Head Assem. - Outer (Includes next 3 Items)
4	502639	2	Outer Head
5	502485	2	Outer Head Hub
6	910310	8	3/8 x 1 R.H. Rivets
7	502640	1	Center Head
8	502944	2	Gib Key
9	{ 502948	8	Cylinder Bar - (When desiring a set of 8 order 504600)
	{ 505949	8	Cylinder Bar - (Spec. Heavy) (When desiring a set of 8 order 505950)
10	910922	24	3/8 x 3/4 Hex. Hd. Cap Screw 24 NF-2
11	910123	24	3/8 Hex. C.P.S.F. Amer. Lt. Nuts 24 NF-2
12	910287	44	3/8 Lockwashers
13	{ 504218	1	Cylinder Cap Plate Assem. R.H. (Includes next 3 Items) Used on 40-9200 & Prior
	{ 505914	1	Cylinder Cap Plate Assem. R.H. (Includes next 3 Items) Used on 40-9201 & Since
14	504026	1	Cap Plate R.H. Used on 40-9200 & Prior
	505916	1	Cap Plate R.H. Used on 40-9201 & Since
15	501901	2	Bearing Slide Clip
16	910297	4	1/4 x 5/8 W.B.H. Rivets
17	{ 504219	1	Cylinder Cap Plate Assem. L.H. (Includes next 2 Items, also 15 & 16) Used on 40-9200 & Prior
	{ 505915	1	Cylinder Cap Plate Assem. L.H. (Includes next 2 Items, also 15 & 16) Used on 40-9201 & Since
18	{ 504027	1	Cap Plate L.H. Used on 40-9200 & Prior
	{ 505917	1	Cap Plate L.H. Used on 40-9201 & Since
19	502958	1	Grain Drag Idler Adj. Bracket
20	{ 504028	2	Bearing Housing Slide Plate Used on 40-9200 & Prior
	{ 505919	2	Bearing Housing Slide Plate Used on 40-9201 & Since
21	910440	8	3/8 x 3/4 Carriage Bolts 4 Used on 40-9201 & Since
22	900817	8	3/8 Std. Washers
23	504220	2	Bearing Adjusting Bolts
24	900805	2	1/8 x 3/4 Cotter Pin
25	910513	4	3/8 Hex. H.P. Nuts
26	{ 88-A-1-3/16		Bearing - N.D.
	{ E-2622-1	2	Bearing - Fafnir Used on 40-6200 & Prior
	{ 1103-LL	2	Bearing - Fafnir Used on 40-6201 & Since
27	502957	1	Cylinder Driven Sheave Assem. (Includes next 6 Items, also 12)
28	R5D-15918	2	Sheave 11" OD.
29	502487	1	Sheave Hub
30	500517	13	Sheave Spacers
31	R5D-15920	1	Sheave Reinforcement
32	910948	6	3/8 x 2 Hex. Hd. H.T. Cap Screw (Thread to Head)
33	910324	6	3/8 Hex. C.P.S.F. Amer. Reg. Nuts 16 NC-2
34	911233	1	#11 Woodruff Key
35	905341	1	7/8 Hex. C.P.S.F. Amer. Lt. Castle. Nut 14 NF-2
36	910320	1	5/32 x 1-1/2 Cotter Pin
37	910304	11	5/16 x 5/8 Machine Bolts
38	910303	2	5/16 x 3/4 Machine Bolts
39	910286	13	5/16 Lockwashers
40	910820	2	#12 x 1-1/2 x 11/32 Spec. Washers
41	505921	2	Cylinder Bearing Hsg. Spacer R.H. Used on 40-9201 & Since
42	910593	2	3/8 x 7-1/4 Carriage Bolt Used on 40-9201 & Since
43	505920	2	Cylinder Bearing Retainer Used on 40-9201 & Since
44	501903	4	Cylinder Bracket Shim Used on 40-9201 & Since
45	501900	4	Cylinder Slide Support Angle Used on 40-9201 & Since
46	910925	12	5/16 x 3/4 W.B.H. Rivet Used on 40-9201 & Since
47	505918	2	Cylinder Bearing & Plate Assembly Used on 40-9201 & Since
48	900863	8	1/4 x 1/2 Rd. Hd. Stove Bolts Used on 40-9201 & Since
49	910285	8	1/4 Lockwasher Used on 40-9201 & Since







CLEANING FAN & DRUM

(Plate 504142)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	504142	1	Cleaning Fan & Drum Assem. (Includes Items 1 to 28 Inc.)
1	504144	1	Cleaning Fan Assem. (Includes next 2 Items, also 7 to 10 Inc.)
2	503454	1	Shaft 7/8" Dia., 34-7/8" Long
3	503350	2	Spider
4	901279	1	3/8 x 1-1/4 Sq. Hd. C.P. Set Screw
5	910287	1	3/8 Lockwashers
6	910932	1	3/8 Hex. Amer. Jam Nut
7	504145	4	Fan Wing
8	910493	9	1/4 x 1 Machine Bolts
9	910285	32	1/4 Lockwashers
10	911986	8	#16 x 1 x 5/16 Spec. Washers
11	504143	1	Fan Drum Assem. (Includes next 7 Items)
12	504146	1	Head R.H.
13	504147	1	Head L.H.
14	504148	1	Wrapper
15	503453	4	Valve Rod Bearing
16	505762	2	Fan Shield Used on 40-6201 & Since
17	504150	1	Support
18	910280	11	3/16 x 3/8 W.B.H. Rivets
19	504151	1	Valve Rod - Upper
20	504152	1	Valve Rod - Lower
21	900817	4	3/8 Std. Washers
22	900805	4	1/8 x 3/4 Cotter Pin
23	504153	2	Valve
24	900863	15	1/4 x 1/2 R.H. Stove Bolts
25	504154	2	Screen Assem.
26	900866	4	1/4 x 1 R.H. Stove Bolts
27	904153	4	1/4 - 20 St. Wing Nuts
28	501469	4	Cup Washers
29	504160	2	Fan Bearing Plate
30	910303	6	5/16 x 3/4 Machine Bolts
31	910286	10	5/16 Lockwashers
32	501730	2	Fan Bearing Assem. (Includes next 3 Items)
33	500700	2	Housing
34	#93424	2	Bearing - Hyatt
35	S5D-14237	2	Cap
36	910133	2	Ale. Hyd. 1/8 P.T. 67-1/2° #1612
37	S5D-15558	2	Shaft Collar 7/8" Set Collar
38	910544	2	1/2 x 1/2 H.H. C.P. Dardet Set Screws
39	503463	2	Fan "U" Bolts
40	910981	4	5/16 Hex. H.P. Nuts
41	A5D-15931	1	Fan Driven Sheave Assem. (Includes next 3 Items, also 8 & 9)
42	R5D-15931	2	Sheave 5" OD.
43	500178	1	Reinforcement
44	C5D-1715	1	Hub
45	910124	1	5/8 Hex. C.P.S.F. Amer. Lt. Nut
46	904209	1	5/8 Lockwasher
47	504184	2	Fan Drum Spacer
48	910398	4	1/4 x 2 Carriage Bolts
49	504155	1	Valve Upper Rod Crank Assem. (Includes next 2 Items)
50	504156	1	Crank
51	504157	1	Sleeve
52	900938	1	3/16 x 1 Cotter Pin
53	504185	1	Fan Blast Deflector
54	504284	2	Fan Housing Screen
55	504285	4	Screen Reinforcement Strip



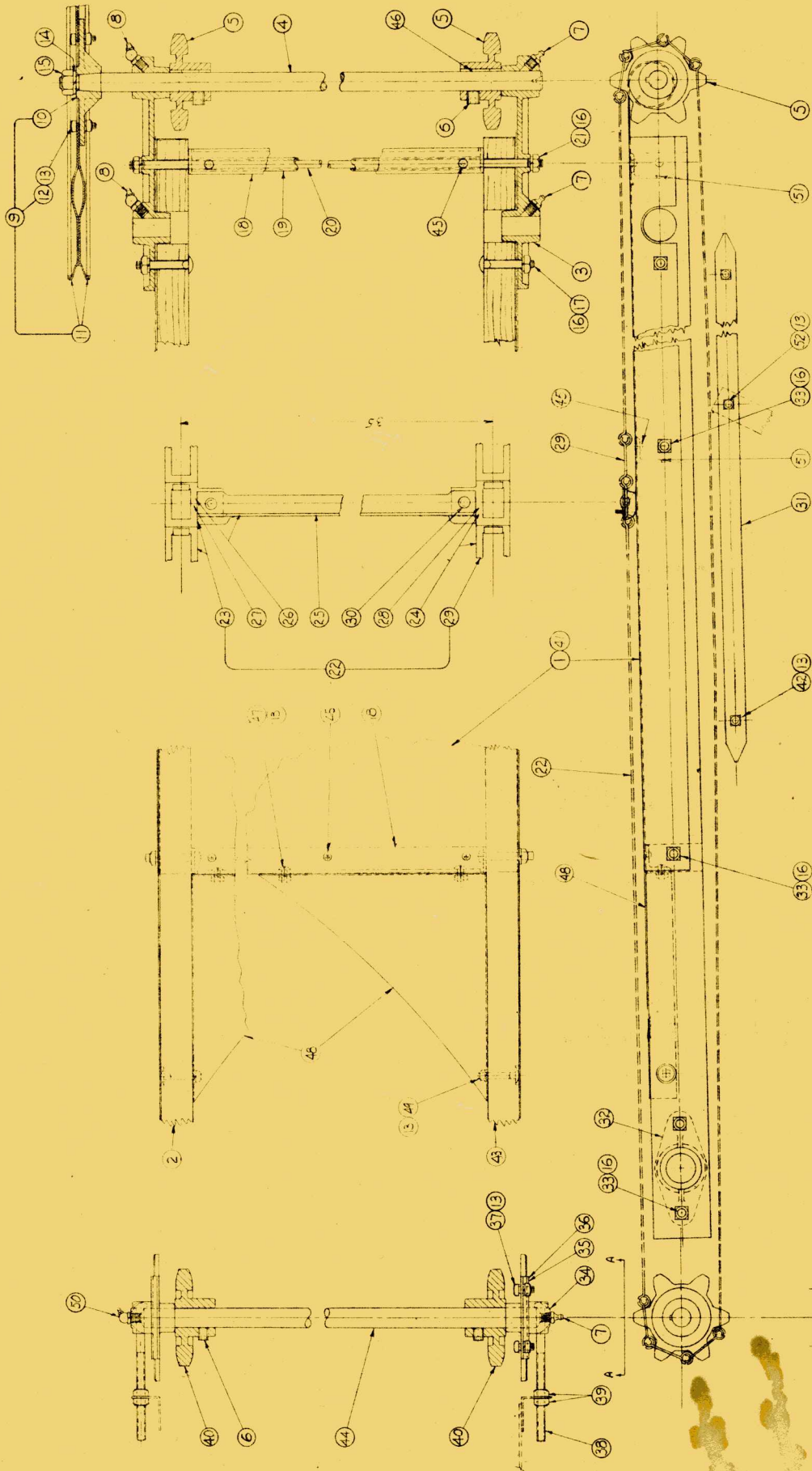


PLATE 503285 GRAIN DRAG

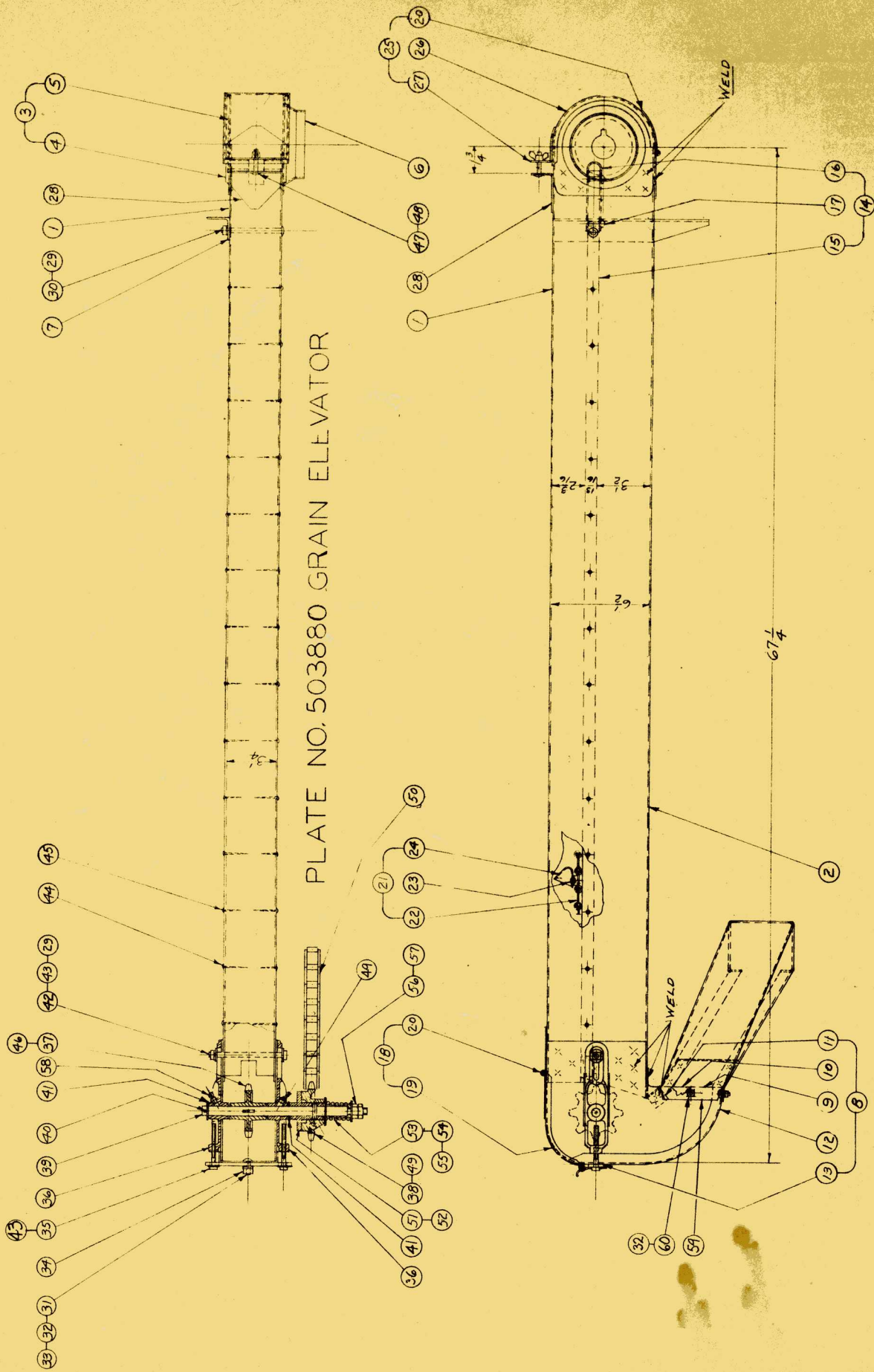


GRAIN DRAG  
(Plate 503286)

Item	Part No.	Qty.	Name
-	503286	1	Grain Drag Floor Assem. (Includes Items 1, 18, & 45) Used on 40-6200 & Prior
1	503287	1	Grain Drag Return Floor Used on 40-6200 & Prior
1	505704	1	Grain Drag Return Floor Used on 40-6201 & Since
2	504187	1	Grain Drag Rail - R.H.
3	502144	2	Raddle Shaft Bearing - Rear
4	503292	1	Raddle Drive Shaft 3/4" Dia., 41-3/4" Long
5	502123	2	Raddle Sprocket 6 Teeth, 3/4" Bore, #45 Chain
6	910544	4	1/2 x 1/2 H.H. C.P. Dardélet Set Screws
7	910131	3	Ale. Hyd. 1/8 P.T. Str. #1610
8	910132	2	Ale. Hyd. 1/8 P.T. 30° #1611
9	503293	1	Raddle Driven Sheave Assem. (Includes next 4 Items)
10	502124	1	Raddle Driven Sheave Hub
11	K5D-15587	1	Raddle Driven Sheave 15-5/8" OD.
12	910299	6	1/4 x 3/4 Machine Bolts
13	910285	26	1/4 Lockwashers
14	904208	1	1/2 Lockwasher
15	910295	1	1/2 Hex. C.P.S.F. Nut
16	910286	12	5/16 Lockwashers
17	910426	2	5/16 x 2 Carriage Bolts
18	503288	1	Return Floor Stiffener
19	503291	1	Separator Spacer 1/4" x 34-1/8" Pipe
20	503290	1	Separator Spacer Rod 5/16" Dia., 38-15/16" Long
21	910981	2	5/16 Hex. H.P. Nuts
22	503298	1	Grain Drag Raddle Assem. Complete (Includes Items 23,24,25, & 30)
23	503299	1	Raddle Chain R.H.
24	503300	1	Raddle Chain L.H.
25	503301	7	Chain Drag Raddle Slats
26	503302	7	Raddle Slat Assem. With Attach. Links (Includes Items 25,27,28, & 2 of Item 30)
27	MA-1588	7	Raddle Attaching Link - #45ALL
28	MA-1587	7	Raddle Attaching Link - #45ALR
29	MA-304	140	Raddle Plain Links
30	910311	14	1/4 x 1/2 W.B.H. Rivets
31	503294	2	Grain Drag Chain Guide
32	503090	2	Rocker Arm Shaft Bearing
33	910557	8	5/16 x 2 Machine Bolts
34	502298	2	Raddle Idler Bearing
35	503297	2	Idler Bearing Slide - Lower
36	R5D-14539	2	Idler Bearing Slide - Upper
37	910489	8	1/4 x 5/8 Machine Bolts
38	910585	2	3/8 x 5-1/2 Machine Bolt - 4" Thrd.
39	910306	2	3/8 Sq. H.P. Nuts
40	503296	2	Raddle Idler Sprocket 6 Teeth, 3/4" Bore, #45 Chain
41	505765	1	Grain Drag Floor Assem. Used on 40-6201 & Since
42	910396	5	1/4 x 1-3/4 Carriage Bolts
43	504188	1	Grain Drag Rail L.H.
44	503295	1	Raddle Idler Shaft 3/4" Dia., 38" Long
45	900767	18	3/16 x 1/2 Ctsk. Hd. Rivets
46	905123	2	#9 Woodruff Key
47	900863	4	1/4 x 1/2 R.H. Stove Bolts
48	504189	2	Return Floor Corner Deflector
49	910952	2	1/4 x 1-1/2 Carriage Bolts
50	910133	1	Lubricator 1/8 PT. 67-1/2° #1612
51	505699	2	Return Floor Stiffener Center & Rear Used on 40-6201 & Since
52	910398	1	1/4 x 2 Carriage Bolt Used on 40-6201 & Since



PLATE NO. 503880 GRAIN ELEVATOR





GRAIN ELEVATOR  
(Plate 503880).

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	503880	1	Grain Elevator Assem. Complete
1	503882	1	Column Small
2	503883	1	Column Large
3	503061	1	Lower Outer Head Assem. (Includes next 2 Items)
4	502675	1	Lower Outer Head
5	502990	1	Outer Head Bearing Plate
6	502674	1	Lower Head - Inner
7	503891	1	Grain Elevator Lower Support
8	503886	1	Upper Head Assem. (Includes next 5 Items)
9	503887	1	Upper Head Side - Inner
10	503888	1	Upper Head Side - Outer
11	503889	1	Upper Head Throat Piece
12	503890	1	Upper Head Top Piece
13	502996	1	Adjusting Bolt Bar
14	503884	1	Center Board Assem. (Includes next 3 Items)
15	503885	1	Center Board
16	503060	1	Center Board End
17	910901	4	1/4 x 1-1/8 Ctsk. Head Rivets
18	502997	1	Upper Door Assem. (Includes next 2 Items)
19	502998	1	Upper Door
20	502999	2	3" Light Strap Hinge (Blank)
21	503071	1	Raddle Assem. Complete With Buckets Attached.
22	503072	1	Raddle Chain Complete less Buckets #32 Steel Chain
	MA-305	-	Single Plain Link #32 Steel
	912452	-	Single Attaching Link #32K1
23	910516	58	Bucket Rivets, 3/16 x 7/16 W.B.H. Rivets
	502673	29	Bucket Only
24	504233	-	Bucket and Attaching Link with one Plain Link Attached.
25	503062	1	Lower Door Assem. (Includes next 2 Items, also 20)
26	503063	1	Lower Door
27	503003	1	Lower Door Clip
28	502991	1	Lower Door Fasten
29	910286	3	5/16 Lockwashers
30	910433	1	5/16 x 4 Carriage Bolt
31	910389	1	1/4 x 7/8 Carriage Bolt
32	910285	4	1/4 Lockwashers
33	900816	1	1/4 Std. Washer
34	503004	1	Upper Head Door Spring
35	912721	2	5/16 x 2-3/4 Mach. Bolt (2-1/4 Thrd.)(No Nut)
36	502282	2	Upper Bearing Plate
37	503011	1	Upper Raddle Sprocket 8 Teeth, 5/8" Bore, #32 Chain
38	503804	1	Elevator Driven Sprocket 9 Teeth, 1-1/8" Bore, #32 Chain
39	503892	1	Elevator Upper Shaft 5/8" Dia., 11" Long
40	900938	1	3/16 x 1 Cotter Pin
41	910816	1	#12 x 1-1/4 x 41/64 Spec. Washer
42	910566	1	5/16 x 4-3/4 Machine Bolt
43	901165	4	5/16 Std. Washers
44	910834	14	#11 x 1-1/2 Cement Coated Nails
45	910836	14	#12 x 1 Barbed Car Nails
46	905123	1	#9 Woodruff Key
47	910394	1	1/4 x 1-1/2 Carriage Bolt (No Nut)
48	904153	1	1/4 St. Wing Nut
49	910131	2	Ale. Hyd. 1/8 P.T. Str. #1610
50	503073	1	Drive Chain #32 St. Sprocket Chain 56 Links
51	503805	1	Elevator Driven Clutch
52	503893	1	Elevator Clutch Drive Pin
53	SP-165	1	Clutch Spring
54	900819	1	5/8 Std. Washer
55	900818	1	1/2 Std. Washer
56	910295	1	1/2 Amer. Std. Reg. H.P. Hex. Nut 13 NC-2
57	910935	1	1/2 Amer. Std. Reg. H.P. Hex. Jam Nut
58	910166	1	Lubricator 1/8 PT. 90° #1613
59	504105	1	Grain Elevator Spout Assembly (Grain Bin Only)
60	900863	3	1/4 x 1/2 Rd. Hd. Stove Bolts (Grain Bin Only)



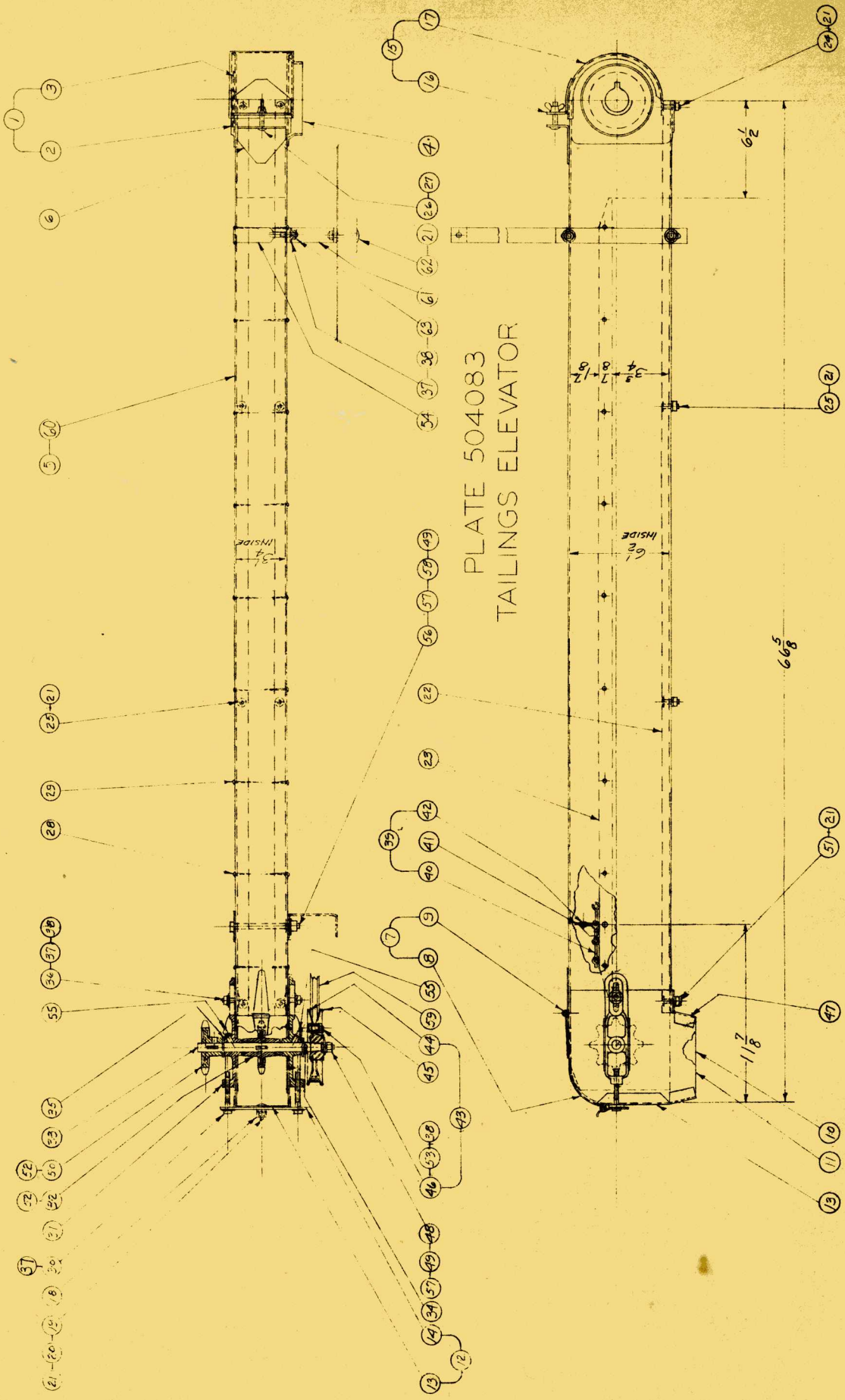


PLATE 504083  
TAILINGS ELEVATOR



TAILINGS ELEVATOR

(Plate 504083)

Item	Part No.	Qty.	Name
-	504083	1	Tailings Elevator Assem.(Complete less Items 59)
1	502989	1	Bottom Outer Head Assem.(Includes next 2 Items)
2	502672	1	Bottom Outer Head
3	502990	1	Outer Head Bearing Plate
4	502671	1	Bottom Inner Head
5	504084	1	Railings Elevator Body Assem.(Includes next 2 Items, 10 to 12 Inc., also 1, 4, 47, & 60)
6	502991	1	Lower Door Fasten
7	502997	1	Upper Head Door Assem.(Includes next 2 Items)
8	502998	1	Upper Head Door
9	502999	1	3" Light Strap Hinge (Blank)
10	504020	1	Upper Head Side - Outer
11	504019	1	Upper Head Side - Inner
12	504085	1	Upper Head Tie Plate Assem.(Includes next 2 Items)
13	504017	1	Upper Head Tie Plate
14	502996	1	Elevator Adjusting Bolt Bar
15	503001	1	Elevator Lower Door Assem.(Includes next 2 Items)
16	503003	1	Elevator Lower Door Clip
17	503002	1	Elevator Lower Door
18	503004	1	Elevator Upper Head Door Spring
19	910389	1	1/4 x 7/8 Carriage Bolt
20	900816	1	1/4 Std. Washer
21	910285	10	1/4 Lockwashers
22	504086	1	Bottom
23	504087	1	Track
24	900906	2	1/4 x 1-1/4 F.H. Stove Bolts
25	910388	4	1/4 x 3/4 Carriage Bolts
26	910394	1	1/4 x 1-1/2 Carriage Bolt (No Nut)
27	904153	1	1/4 St. Wing Nut
28	910836	9	#12 x 1 Barbed Car Nails
29	910834	9	#11 x 1-1/2 Cement Coated Nails
30	912336	2	5/16 x 2-1/2 Machine Bolt - 2" Thrd.
31	502282	2	Elevator Bearing Plate
32	503011	1	Elevator Raddle Sprocket 8 Teeth, 5/8" Bore, #32 Chain
33	504088	1	Tailings Elevator Upper Shaft 5/8" Dia., 8-7/8" Long
34	900938	1	3/16 x 1 Cotter Pin
35	910816	2	#12 x 1-1/4 x 41/64 Spec. Washers
36	910420	2	5/16 x 1 Carriage Bolts
37	901165	6	5/16 Std. Washers
38	910286	4	5/16 Lockwashers
39	504089	1	Raddle Assem. Complete With Paddles Attached.
40	504090	1	Raddle Chain Complete less Paddles #32 Steel Chain
	MA-305	-	Single Plain Link #32 Steel
	912453	-	Single Attaching Link #32Cl Steel
41	503017	15	Paddle Only
42	503018	-	Paddle With Attaching Link and one Plain Link Attached.
43	910516	15	Paddle Rivets, 3/16 x 7/16 W.B.H. Rivets
44	503012	1	Tailings Elevator Drive Sheave Assem.(Includes next 2 Items)
45	503013	1	Sheave With Hub 5" OD.
46	503014	1	Sheave Without Hub 5" OD.
47	912371	3	5/16 x 3/4 Hex. Hd. Machine Bolts (Hex. Nut)
48	504018	1	Upper Head Filler Plate
49	910123	1	3/8 Hex. Nut 24 NF-2
50	900817	2	3/8 Std. Washers
51	503928	1	Tailing Discharge Sprocket 8 Teeth, 5/8" Bore #32 Chain
52	910390	2	1/4 x 1 Carriage Bolts
53	905123	2	#9 Woodruff Key
54	912369	15	#20 x 5/8 x 21/64 Spec. Washers
55	505694	1	Tailings Elev. Lower Support Strap Bolt Used on 40-6201 & Since
56	910132	2	Lubricator 1/8 PT. 30° #1611
57	910578	1	3/8 x 4-1/4 Machine Bolt
58	910287	1	3/8 Lockwasher
59	910825	1	#12 x 2 x 7/16 Spec. Washer
60	504093	1	Tailings Elevator Drive Belt "A" Sec.
61	504021	1	Tailings Elevator Body
62	505693	1	Tailings Elevator Lower Support Used on 40-6201 & Since
63	910398	1	1/4 x 2 Carriage Bolt Used on 40-6201 & Since
64	910981	2	5/16 Hex. Am. Std. Reg. Nut Used on 40-6201 & Since



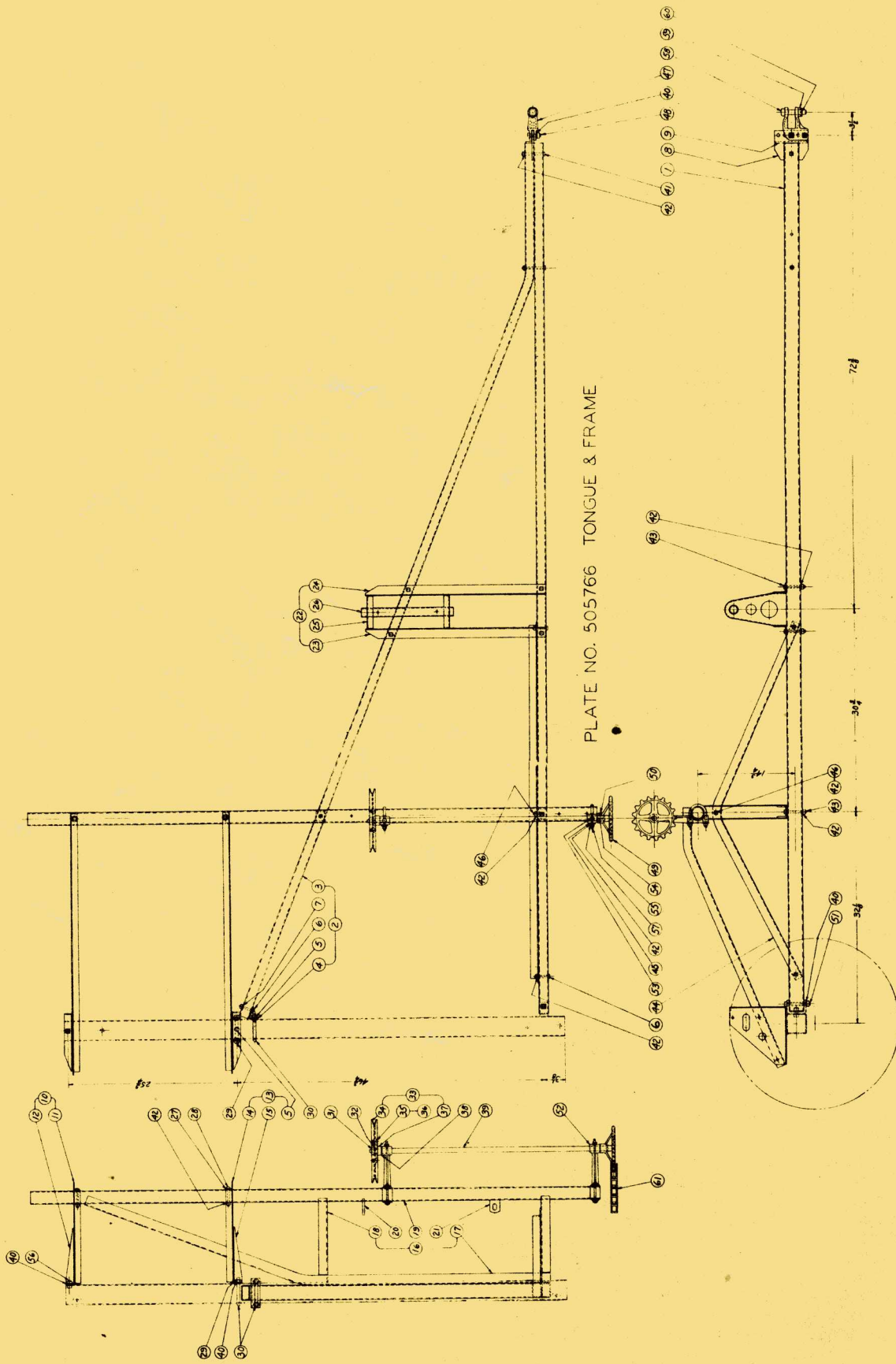


PLATE NO. 505766 TONGUE & FRAME



TONGUE & FRAME  
(Plate 505766)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	505766	1	Tongue & Frame Assembly
1	504116	1	Tongue Tube R.H. Used on 40-6200 & Prior
	505702	1	Tongue Tube R.H. Used on 40-6201 & Since
2	504116	1	Tongue Tube Assem. R.H. (Includes Item 8) Used on 40-6200 & Prior
	503261	1	Tongue Tube Assem. L.H. Used on 40-6200 & Prior (Includes next 7 Items)
3	505707	1	Tongue Tube Assem. L.H. Used on 40-6201 & Since (Includes next 7 Items)
	503262	1	Tongue Tube L.H. Used on 40-6200 & Prior
4	505703	1	Tongue Tube L.H. Used on 40-6201 & Since
	504045	1	Tongue Attaching Clip L.H. Used on 40-6200 & Prior
5	505676	1	Tongue Attaching Clip L.H. Used on 40-6201 & Since
	911138	1	3/8 x 1/2 Rd. Hd. Rivet
6	910154	3	3/8 x 2 Machine Bolt
7	910287	12	3/8 Lockwasher
8	504117	1	Hitch Plate Used on 40-6200 & Prior
	505692	1	Hitch Plate Used on 40-6201 & Since
9	505677	1	Hitch Plate Stiffener
10	504179	1	Sepr. Hsg. Support Assem. L.H. (Includes next 2 Items)
11	504181	1	Support Angle L.H.
12	504183	1	Support Bracket L.H.
13	504178	1	Sepr. Hsg. Support Assem. R.H. (Includes next 2 Items & 5)
14	504180	1	Support Angle R.H.
15	504182	1	Support Bracket R.H.
16	504118	1	Tongue Cross Frame Assem. (Includes next 5 Items & 7,27,28,42,44,45,46,55, & 57)
17	503266	1	Tongue Cross Channel
18	503267	2	Tongue Vertical Strut
19	504119	1	Tongue Cross Tube
20	503268	1	Header Balance Spring Lug
21	504149	1	Gear Shift Rod Support
22	503275	1	Hd. Lift Bell Crank Brg. Assem. Used on 40-6200 & Prior (Includes Items 24,25,26, & 22)
	505687	1	Hd. Lift Bell Crank Brg. Assem. Used on 40-6201 & Since (Includes next 4 Items)
23	503277	1	Hd. Lift Bell Crank Support Rear Used on 40-6200 & Prior
	505689	1	Hd. Lift Bell Crank Support Rear Used on 40-6201 & Since
24	503276	1	Hd. Lift Bell Crank Support Front Used on 40-6200 & Prior
	505688	1	Hd. Lift Bell Crank Support Front Used on 40-6201 & Since
25	504044	2	Bell Crank Brg. Plate Used on 40-6200 & Prior
	505690	2	Bell Crank Brg. Plate Used on 40-6201 & Since
26	503278	1	Bell Crank Brg. Used on 40-6200 & Prior
	505691	1	Bell Crank Brg. Used on 40-6201 & Since
27	901165	2	5/16 Std. Washer
28	910560	2	5/16 x 2-3/4 Machine Bolt
29	910881	4	7/16 Hex. H.P. Nut
30	502922	2	Axle Clamp U Bolt
31	910195	1	1/2 Hex. Amer. Lt. Nut 20 NF-2
32	904208	1	1/2 Lockwasher
33	A5D15888	1	Reel Drive Sheave Assem. (Includes next 5 Items)
34	K5D15888	1	Reel Drive Sheave
35	900851	6	3/16 x 5/8 Rd. Hd. Stove Bolt
36	910284	6	3/16 Lockwasher
37	C5D1729	1	Reel Drive Sheave Hub
38	910819	2	#12 x 3/4 x 1-3/8 Spec. Washer
39	503281	1	Reel Countershaft
40	904207	8	7/16 Lockwasher
41	910094	2	3/8 x 3-1/4 Machine Bolt
42	910286	2	5/16 Lockwasher
43	910155	6	3/8 x 3 Machine Bolt
44	504120	1	Tongue Tube Tie R.H.
45	900817	4	3/8 Std. Washer
46	910314	1	3/8 x 3/4 Machine Bolt
47	502328	1	Hitch Clevis Used on 40-6200 & Prior
	505653	1	Hitch Clevis Used on 40-6201 & Since
48	910633	2	1/2 x 1-3/4 Machine Bolt Used on 40-6200 & Prior
	910609	2	7/16 x 1-3/4 Machine Bolt Used on 40-6201 & Since
49	502554	1	Countershaft Drive Sprocket
50	910544	1	1/2 x 1/2 H. Hd. C.P. Set Screw
51	910616	1	7/16 x 3-1/2 Machine Bolt
52	502556	2	Reel Countershaft Brg.
53	910131	2	Ale. Hyd. 1/8 Pt. Str. #1610
54	905123	1	#9 Woodruff Key
55	503148	2	Countershaft Brg. U Bolt
56	910606	1	7/16 x 1 Machine Bolt
57	910513	4	3/8 Hex. H.P. Nut
58	501317	1	Hitch Plate Bolt 3/4 x 3-1/4 (Drilled)
59	910875	1	3/4 Hex. Amer. Reg. Slotted Nut
60	910320	1	5/32 x 1-1/2 Cotter Pin
61	503282	1	Reel Drive Chain #32 Stl. Chain (82 Links) (For Single Link order MA305)



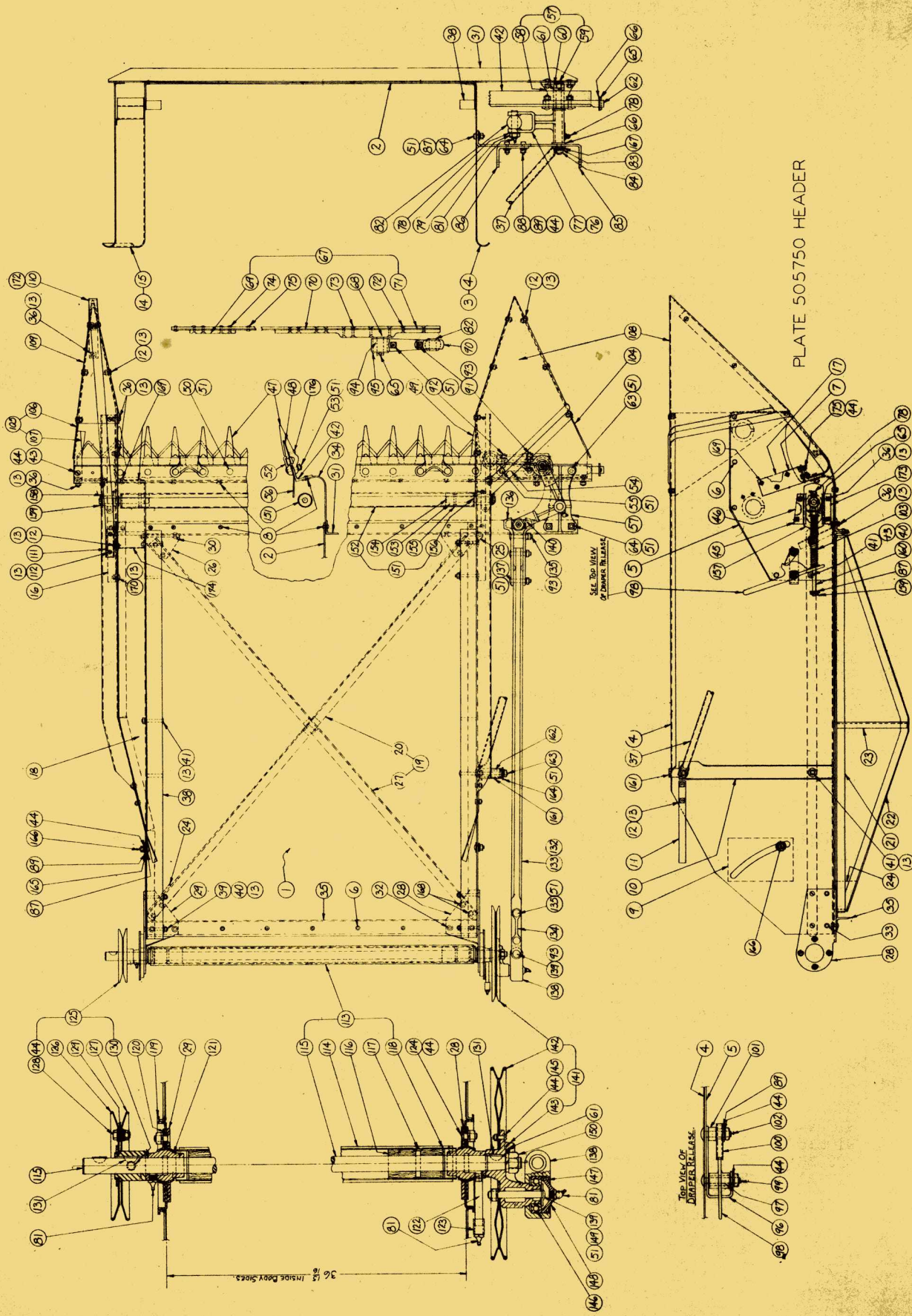


PLATE 505750 HEADER



HEADER  
(Plate 505750)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	504209	1	Header Assem. Used on 40-6200 & Prior
-	505750	1	Header Assem. Used on 40-6201 & Since
1	503099	1	Bottom Assem. (Includes next 2 Items, also 14 & 18) Used on 40-6200 & Prior
1	505897	1	Bottom Assem. (Includes next 2 Items, also 14 & 18) Used on 40-6201 & Since
2	503102	1	Header Bottom
3	503100	1	Side Assem. R.H. (Includes next 4 Items) Used on 40-6200 & Prior
3	505748	1	Side Assem. R.H. (Includes next 4 Items) Used on 40-6201 & Since
4	503103	1	Side R.H. Used on 40-6200 & Prior
4	505729	1	Side R.H. Used on 40-6201 & Since
5	502664	1	Side Bracket R.H. Used on 40-6200 & Prior
5	505727	1	Side Bracket R.H. Used on 40-6201 & Since
6	910516	12	3/16 x 7/16 W.B.H. Rivets
7	503105	1	Connecting Angle R.H. Used on 40-6200 & Prior
7	505725	1	Connecting Angle R.H. Used on 40-6201 & Since
8	910282	26	3/16 x 1/2 W.B.H. Rivet
9	503107	2	Side Slot Reinforcement
10	504072	1	R.H. Side Reinforcement
11	504197	2	Side Extension Bar
12	900863	20	1/4 x 1/2 R.H. Stove Bolts
13	910285	32	1/4 Lockwashers
14	503101	1	Side Assem. L.H. (Includes next 4 Items, also 6, 8, 9, 11, 12 & 13) Used on 40-6200 & Prior
14	505749	1	Side Assem. L.H. (Includes next 4 Items, also 6, 8, 9, 11, 12 & 13) Used on 40-6201 & Since
15	503104	1	Side L.H. Used on 40-6200 & Prior
15	505730	1	Side L.H. Used on 40-6201 & Since
16	502665	1	Side Bracket L.H. Used on 40-6200 & Prior
16	505728	1	Side Bracket L.H. Used on 40-6201 & Since
17	503106	1	Connecting Angle L.H. Used on 40-6200 & Prior
17	505726	1	Connecting Angle L.H. Used on 40-6201 & Since
18	503108	1	L.H. Side Filler
19	504234	1	Bottom Frame Assem. (Includes Items 20 to 30 Inc.)
20	503109	1	Bottom Brace Assem. (Includes next 4 Items)
21	503110	1	Brace Upper Angle
22	503111	1	Brace Lower Angle
23	503112	1	Brace Strut
24	503113	2	Brace Gusset
25	504236	1	Bottom Cross Angle Clip R.H.
26	504237	1	Bottom Cross Angle Clip L.H.
27	503119	1	Bottom Diagonal Support
28	502666	1	Pivot Bracket R.H.
29	502667	1	Pivot Bracket L.H.
30	911087	4	5/16 x 5/8 R.H. Rivets
31	504235	1	Cross Angle Bottom
32	910298	4	1/4 x 3/4 W.B.H. Rivets
33	910900	4	1/4 x 1/2 Ctsk. Hd. Rivets
34	503120	1	Cross Member - Lower
35	503115	1	Cross Angle - Top
36	904478	23	1/4 x 5/8 R.H. Stove Bolts
37	504208	1	Header R.H. Side Brace
38	503121	2	Draper Guides
39	900911	4	1/4 x 2-1/2 F.H. Stove Bolts
40	900816	7	1/4 Std. Washers
41	910399	5	1/4 x 2-1/4 Carriage Bolts
42	503123	1	Sickle Guard Angle
43	910303	7	5/16 x 3/4 Machine Bolts
44	910286	28	5/16 Lockwashers
45	505722	1	Draper Roller Bearing Slide Upper R.H. Used on 40-6201 & Since
46	505723	1	Draper Roller Bearing Slide Upper L.H. Used on 40-6201 & Since
47	501209	4	Sickle Guard
48	K4J-1555	14	Guard Ledger Plate
49	500773	1	Sickle Guard R.H.
50	910442	10	3/8 x 1-1/4 Carriage Bolts
51	910287	28	3/8 Lockwashers
52	D5D-1701	2	Sickle Clip
53	910446	4	3/8 x 1-3/4 Carriage Bolts
54	502390	1	Sickle Guide
55	903629	2	3/8 x 3/4 Hex. Hd. Cap Screw 16 NC-2
56	503126	1	Draper Shield
57	503127	1	Sickle Bell Crank Pivot Assem. (Includes next 4 Items)
58	502337	1	Bell Crank Pivot
59	503128	1	Pivot Pin - 3/4 x 7-3/4 Long
60	910308	1	5/8 Hex. C.P.S.F. Amer. Reg. Nut 11 NC-2
61	904209	2	5/8 Lockwashers
62	503129	1	Header Lift Pin
63	910443	2	3/8 x 1-1/2 Carriage Bolts



HEADER, Cont'd.  
(Plate 505750)

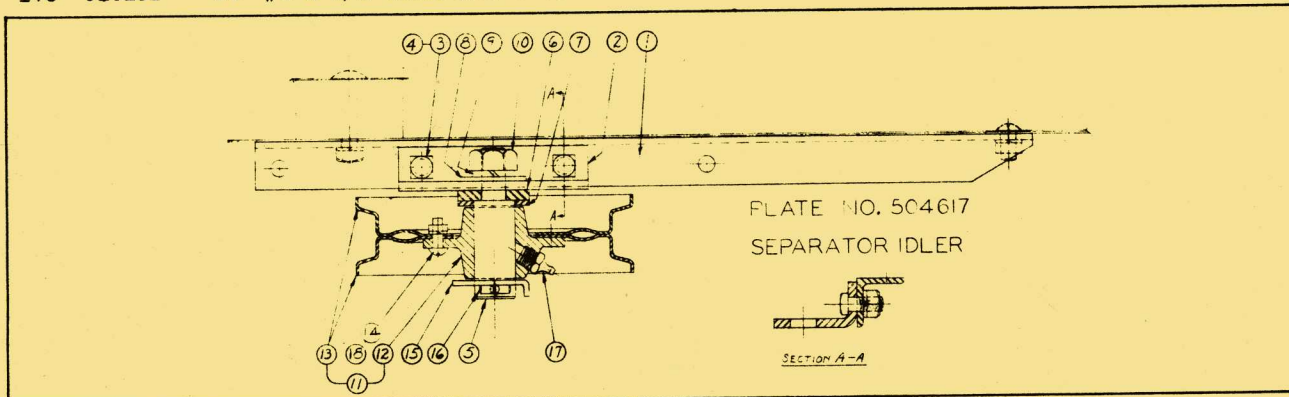
<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
64	910309	3	3/8 x 1 Machine Bolts
65	900810	4	3/16 x 1-1/4 Cotter Pin
66	910819	4	#12 x 1-3/8 x 49/64 Spec. Washers
67	503130	1	Sickle - Complete (Includes Items 68 to 73 Inc.)
68	K5D15321	1	Sickle Head
69	K5D15274	1	Sickle Reinforcement
70	500760	15	Sickle Section (For Box of 25 Order No. 505760)
71	503354	1	Sickle Head Filler
72	910931	6	#6 x 7/8 Ctsk. Hd. Section Rivets
73	911176	4	#6 x 1-3/8 Ctsk. Hd. Section Rivets
74	912381	4	#6 x 7/8 R.H. Section Rivets
75	911177	19	#6 x 1/2 R.H. Section Rivets
76	502548	1	Sickle Bell Crank Assem. (Includes next 6 Items)
77	501142	1	Sickle Bell Crank
78	910166	3	Lubricator 1/8 P.T. 90° #1613
79	501257	2	Bell Crank Pin
80	905347	2	7/8 Lockwashers
81	910131	4	Lubricator 1/8 P.T. #1610
82	501140	1	Link Ball
83	904208	1	1/2 Lockwasher
84	910325	1	1/2 Hex. C.P.S.F. Amer. Reg. Nut 13 NC-2
85	503131	1	Reel Pivot Bracket
86	503132	1	Bracket Clip
87	900817	9	3/8 Std. Washers
88	910553	2	5/16 x 1 Machine Bolts
89	901165	6	5/16 Std. Washers
90	501143	2	Sickle Pitman Link
91	910178	1	3/8 x 1-3/4 Machine Bolt
92	910158	1	3/8 x 1-1/2 Machine Bolt
93	910306	3	3/8 So. H.P. Nuts
94	K5D14894	1	Sickle Rubber Bushing
95	900820	1	3/4 Std. Washer
96	503935	2	Draper Spring Lever Bracket
97	503937	2	Draper Spring Lever Spacer - 1/4 Std. Blk. Pipe, 1-3/16 Long
98	503936	2	Draper Spring Lever
99	910426	2	5/16 x 2 Carriage Bolts
100	503938	2	Draper Spring Lever Pawl
101	503939	2	Spring Lever Pawl Pivot
102	910423	2	5/16 x 1-1/2 Carriage Bolts
103	503168	2	Draper Spring
104	503139	1	Divider Base R.H.
105	504196	1	Divider Base Assem. L.H. (Includes next 2 Items)
106	503140	1	Divider Base L.H.
107	504198	1	Divider Base Reinforcement
108	502669	1	Divider R.H.
109	502670	1	Divider L.H.
110	503141	1	Divider Extension L.H.
111	503142	1	Divider Extension Reinforcement
112	900865	2	1/4 x 3/4 R.H. Stove Bolts
113	504199	1	Lower Draper Drive Roller Assem. (Includes next 5 Items)
114	503153	1	Roller Covered
115	504200	1	Roller Shaft - 7/8 x 44-11/16 Long
116	503155	2	Roller Bushing
117	912362	2	1/4 x 1-7/8 Ctsk. Hd. Rivets
118	912370	2	#12 x 1-39/64 x 57/64 Spec. Washers
119	504046	2	Header Pivot Bearing Clamp Ring
120	504047	2	Header Pivot Bearing Clamp Ring Plate
121	503929	2	Header Pivot Bearing
122	901470	1	Bearing Oil Pipe R.H. (1/8 x 2-1/2 Nipple)
123	901763	1	Oil Pipe Coupling (1/8 Pipe Coupling)
124	912851	8	5/16 x 7/8 R.H. So. Neck Ctsk. Plow Bolts
125	503156	1	Upper Draper Drive Sheave - 6" O.D.
126	503157	1	Sheave with Hub - 6" O.D.
127	503158	1	Sheave without Hub - 6" O.D.
128	912371	3	5/16 x 3/4 Hex. Hd. Machine Bolt - (Hex. Nut)
129	912369	15	#20 x 5/8 x 21/64 Spec. Washers
130	902872	1	1/2 x 1/2 H.H.C.P. Set Screw
131	905123	2	#9 Woodruff Key
132	503159	1	Sickle Pitman Assem. (Includes next 9 Items, also 146 to 149 Inc.)
133	503160	1	Sickle Pitman
134	D5D-1437	2	Upper Straps
135	910452	3	3/8 x 2-1/2 Carriage Bolts
136	502397	2	Lower Straps
137	910450	2	3/8 x 2-1/4 Carriage Bolts
138	502396	1	Bearing Housing
139	910454	2	3/8 x 3 Carriage Bolts



HEADER, Cont'd.

(Plate 505750)

Item	Part No.	Qty.	Name
140	501139	1	Lower End Swivel
141	503161	1	Sickle Pitman Sheave Assem. (Includes next 4 Items)
142	503162	1	Sheave - 10-5/8" O.D.
143	502127	1	Hub and Crank
144	900851	5	3/16 x 5/8 R.H. Stove Bolts
145	910284	5	3/16 Lockwashers
146	#7505	1	Pitman Bearing N.D.
147	K5D14546	1	Snap Ring
148	500369	1	Housing Cap
149	906985	1	7/16 Std. Washer
150	910124	1	5/8 Hex. C.P.S.F. Amer. Lt. Nut 18 NF-2
151	504201	1	Lower Draper Idler Roller Assem. (Includes next 5 Items)
152	504202	1	Idler Roller
153	504203	2	Idler Roller Bushing
154	503166	2	Roller Stub Shaft - 5/8 x 5-15/32 Long
155	910527	2	1/4 x 1-3/4 Ctsk. Hd. Rivets
156	912658	2	#12 x 1-27/64 x 41/64 Spec. Washers
157	502545	2	Lower Draper Idler Roller Bearing Used on 40-6200 & Prior
	505638	2	Lower Draper Idler Roller Bearing Used on 40-6201 & Since
158	910816	2	#12 x 1-1/4 x 41/64 Spec. Washers
159	900938	4	3/16 x 1 Cotter Pin
160	503167	2	Lower Roller Spring Shaft - 3/8 x 9-5/8 Long
161	504204	1	Reel Adjusting Arm Holder Assem.
162	504207	1	Reel Adjusting Arm Holder Spacer
163	910212	1	3/8 x 3-1/2 Machine Bolt
164	910818	1	#12 x 1-3/8 x 7/16 Spec. Washer
165	S5D-2216	2	Header Pivot Spacer - 1/4 Std. Blk. Pipe, 5/16 Long
166	910420	2	5/16 x 1 Carriage Bolts
167	900818	1	1/2 Std. Washer
168	911148	8	5/16 x 5/8 Ctsk. Head Rivets
169	910296	8	3/16 x 5/8 W.B.H. Rivets
170	910386	1	1/4 x 5/8 Carriage Bolt
171	910132	1	Lubricator 1/8 PT. 30° #1611
172	504634	1	Divider Extension L.H. Assem.
173	R5D14539	2	Draper Roller Bearing Slide Lower Used on 40-6201 & Since
174	505724	1	L.H. Header Side Filler Sheet End Used on 40-6201 & Since
175	912157	4	5/16 x 7/8 Machine Bolt Used on 40-6201 & Since
	503124	1	Sickle Guard Frame Clip R.H. Used on 40-6200 & Prior
	503125	1	Sickle Guard Frame Clip L.H. Used on 40-6200 & Prior
176	910131	14	#6 x 5/8 Ctsk. Hd. Sec. Rivet



SEPARATOR IDLER  
(Plate 504617)

Item	Part No.	Qty.	Name	Item	Part No.	Qty.	Name
-	504210	1	Separator Idler Assembly (Complete less Items 15 to 16 Inc.) Used on 40-3200 & Prior	6	503084	1	Idler Spacer
				7	910883	1	#12x1-1/2x29/32 Spec. Washer
-	504617	1	Separator Idler Assembly (Complete less Items 15 to 16 Inc.) Used on 40-3201 & Since	8	900818	1	1/2 Std. Washer
				9	904208	1	1/2 Lockwasher
1	503082	1	Separator Idler Bracket Used on 40-3200 & Prior	10	910325	1	1/2 Hex. C.P.S.F. Amer. Reg. Nut 13 NC-2
				11	504211	1	Sep. Idler Sheave Assembly (Includes next 3 Items)
1	504618	1	Separator Idler Bracket Used on 40-3201 & Since	12	503894	1	Idler Hub
				13	503080	1	Idler Rim
2	504619	1	Idler Clip Used on 40-3201 & Since	14	900851	4	3/16 x 5/8 R.H. Stove Bolt
3	910303	2	5/16 x 3/4 Machine Bolt	15	501202	1	Pin Washer
4	910286	2	5/16 Lockwasher	16	900810	1	3/16 x 1-1/4 Cotter Pin
5	503083	1	Idler Pin - 7/8 x 3-3/16 Long	17	910131	1	Ale. Hyd. 1/8 P.T.Str.#1610
				18	910284	4	3/16 Lockwasher



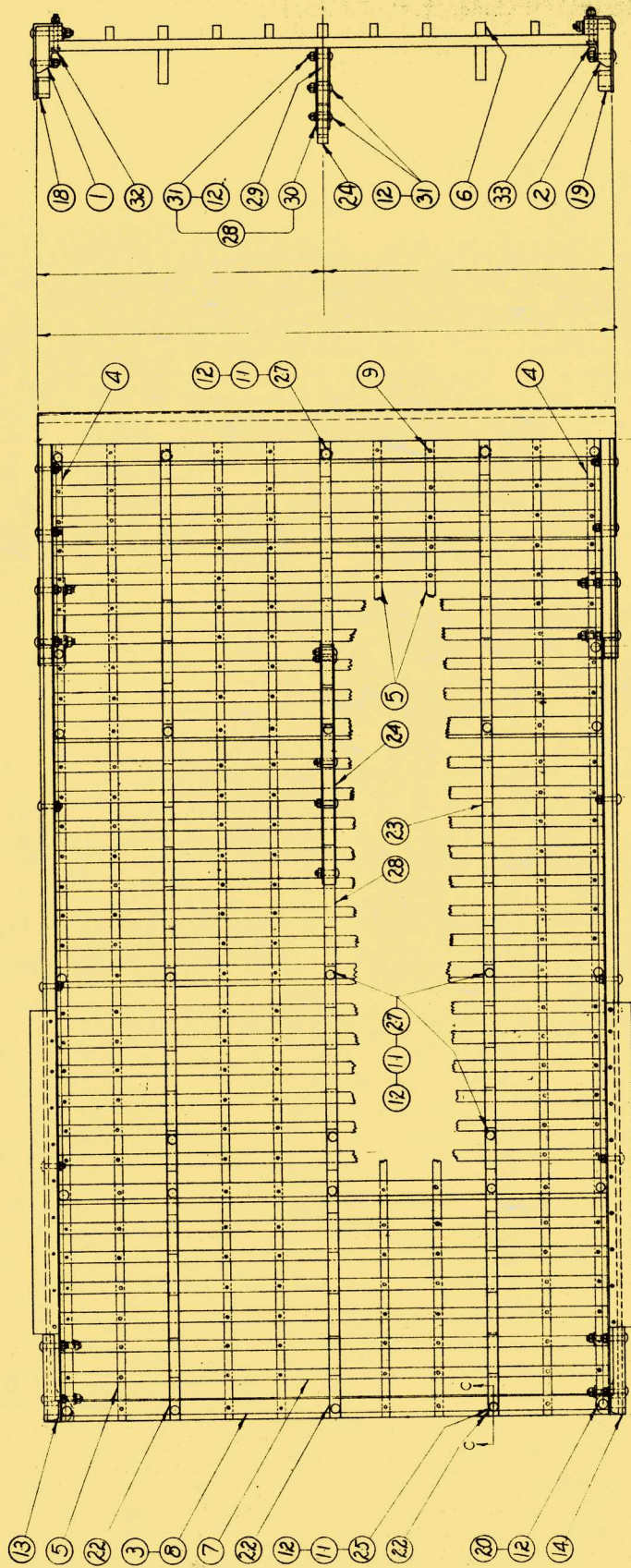
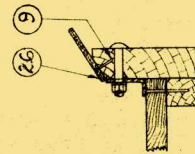
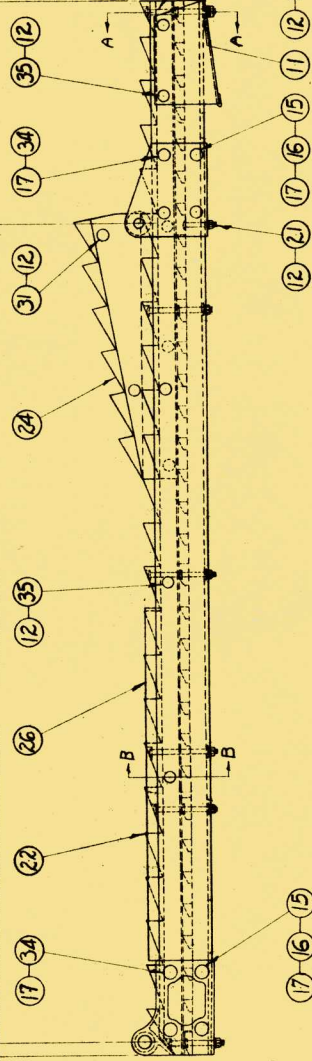
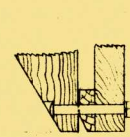


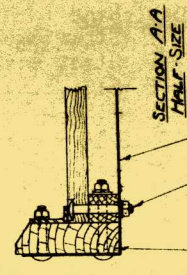
PLATE 505771 STRAW RACK



SECTION B-B  
HALF SIZE



SECTION C-C  
HALF SIZE



SECTION A-A  
HALF SIZE



STRAW RACK  
(Plate 505771)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	502833	1	Straw Rack Assem. (Complete less Items 18 & 19) Used on 40-6200 & Prior
-	505771	1	Straw Rack Assem. (Complete less Items 18 & 19) Used on 40-6201 & Since
1	502834	1	Side R.H.
2	502835	1	Side L.H.
3	502836	1	Straw Rack Section Assem. (Includes next 9 Items)
4	502837	2	Side Rails
5	502838	6	Slat Supports
6	502839	3	Fishback Slat Supports
7	502840	27	Slats
8	502841	5	Cross Rails
	910835	327	3D Cement Coated Wire Nails Used on 40-6200 & Prior
9	913050	347	3D 1-1/8 #15-1/2 Ga. (P & G) Nail Used on 40-6201 & Since
10	910398	8	1/4 x 2 Carriage Bolts
11	900816	35	1/4 Std. Washers
12	910285	48	1/4 Lockwashers
13	502842	1	Bearing R.H. Front
14	502843	1	Bearing L.H. Front
15	910427	8	5/16 x 2-1/4 Carriage Bolts
16	901165	8	5/16 Std. Washers
17	910286	16	5/16 Lockwashers
18	502844	1	Bearing Assem. Rear R.H.
19	502845	1	Bearing Assem. Rear L.H.
20	910399	2	1/4 x 2-1/4 Carriage Bolts
21	910393	2	1/4 x 1-1/2 Carriage Bolts
22	502849	3	Fishback - Front Used on 40-6200 & Prior
	505697	3	Fishback - Front Used on 40-6201 & Since
23	502850	2	Fishback - Outside
24	502853	1	Fishback - Riser
25	910293	3	1/4 x 2-3/4 Carriage Bolts
26	505772	2	Straw Rack End Shield
27	910407	15	1/4 x 3-3/4 Carriage Bolts
28	504125	1	Fishback - Center Assem. (Includes next 3 Items, also 12)
29	502851	1	Fishback - Center
30	502854	2	Fishback Riser Support
31	910390	5	1/4 x 1 Carriage Bolts
32	502855	1	Hold Down Strip R.H.
33	502856	1	Hold Down Strip L.H.
34	910423	8	5/16 x 1-1/2 Carriage Bolts
35	910391	10	1/4 x 1-1/4 Carriage Bolts
36	504124	1	Straw Rack End Sheet Used on 40-6200 & Prior
	910411	3	Front Fishback to Rack 1/4 x 4-3/4 Carriage Bolts Used on 40-6200 & Prior
37	505745	1	Straw Rack End Sheet Used on 40-6201 & Since

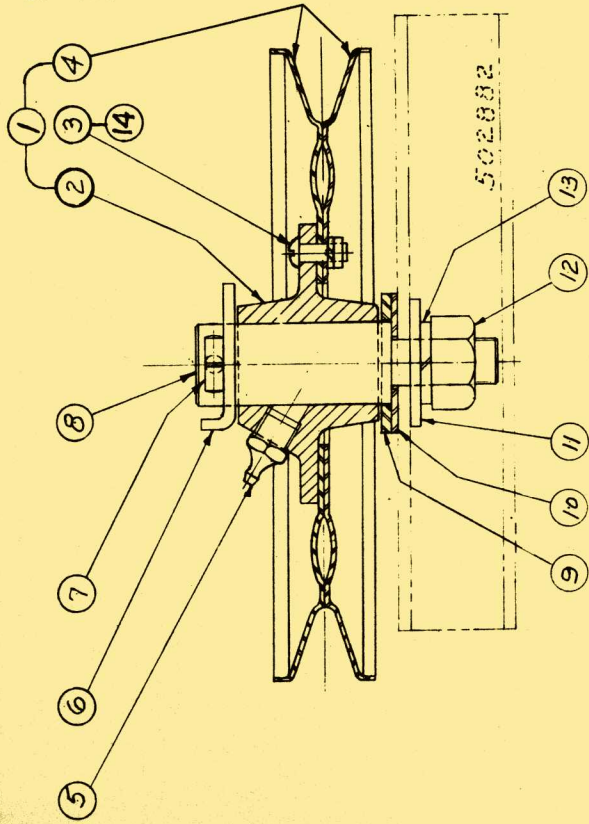


PLATE NO. 504225 HEADER AND FAN IDLER

HEADER & FAN IDLER  
(Plate 504225)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	504225	1	Header & Fan Idler Assem. Complete
1	504212	1	Header & Fan Idler Assem. (Includes next 3 Items)
2	503894	1	Idler Hub
3	900851	4	3/16x5/8 R.H. Stove Bolt
4	503087	1	Idler Rim
5	910131	1	Lubricator 1/8 P.T. Str.#1610
6	501202	1	Pin Washer
7	900810	1	3/16 x 1-1/4 Cotter Pin
8	503083	1	Idler Pin - 7/8 x 3-3/16 Long
9	910883	1	#12x1-1/2x29/32 Spec. Washer
10	910829	1	#16 x 1-1/2 x 9/16 Special Washer
11	900818	1	1/2 Std. Washer
12	910325	1	1/2 Hex. C.P.S.F. Amer. Reg. Nut 13 NC-2
13	904208	1	1/2 Lockwasher
14	910284	4	3/16 Lockwasher



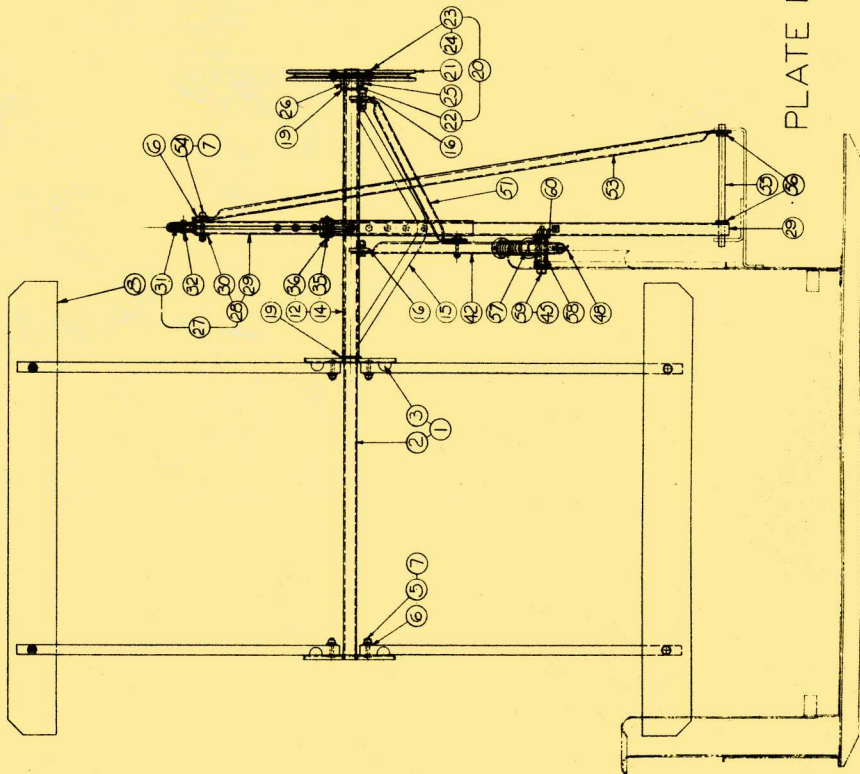
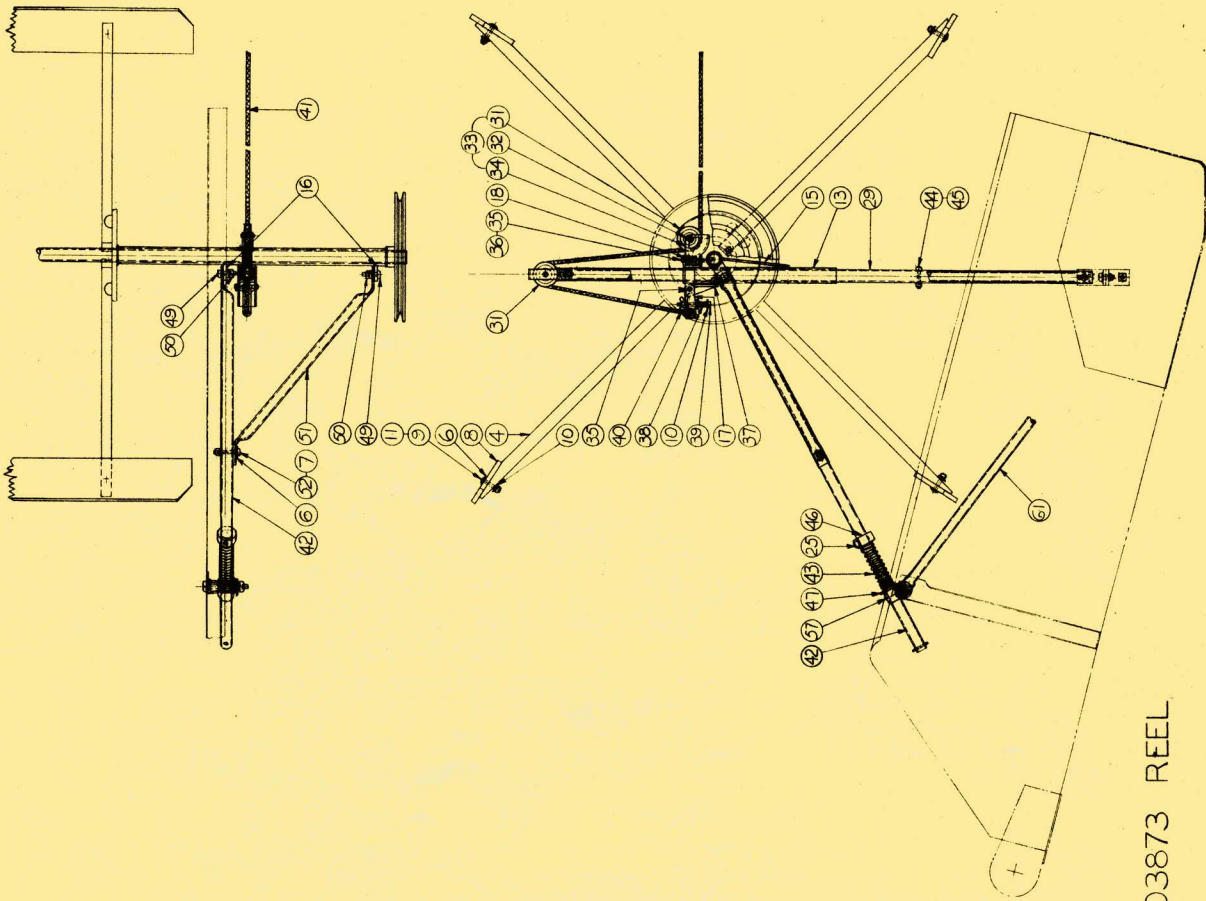


PLATE NO. 503873 REEL



REEL  
(Plate 503873)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	503873	1	Reel Assembly (Complete less Items 57 to 61 Inc.)
1	503229	1	Reel Shaft Assembly (Includes next 2 Items)
2	503230	1	Reel Shaft
3	502658	2	Reel Hub
4	503231	8	Reel Arm
5	910423	8	5/16x1-1/2 Carriage Bolts
6	901165	18	5/16 Std. Washers
7	910286	10	5/16 Lockwashers
8	503232	4	Reel Bat
9	910393	8	1/4x1-1/2 Carriage Bolts
10	900816	10	1/4 Std. Washers
11	910285	8	1/4 Lockwashers
12	503874	1	Reel Post Guide & Bearing Assembly (Includes next 6 Items)
13	504136	1	Reel Post Guide
14	503235	1	Reel Shaft Bearing
15	503875	1	Reel Bearing Brace
16	503876	2	Reel Adjusting Arm Lug
17	503949	1	Reel Latch Bracket
18	503950	1	Reel Swivel Pulley Bracket
19	910824	2	#12x1-3/4x1-3/32 Spec. Washers
20	A5D15889	1	Reel Driven Sheave Assembly (Includes next 4 Items)
21	K5D15889	1	Reel Driven Sheave - 10-5/8 O.D.
22	C5D1730	1	Driven Sheave Hub
23	900851	6	3/16x5/8 R.H. Stove Bolts
24	910284	6	3/16 SAE. Heavy Lockwashers
25	910544	2	1/2x1/2 H.H. Dardet Set Screws
26	910545	1	#15 Hi-Pro Key
27	504137	1	Reel Post & Pulley Assembly (Includes next 5 Items)
28	504138	1	Reel Post Assembly (Includes next 2 Items)
29	503877	1	Reel Post
30	503957	1	Post Pulley Bracket
31	MA-1032	2	Reel Pulley
32	911084	2	1/4x1 R.H. Rivets
33	503952	1	Swivel Pulley Assembly (Includes Items 31,32 &34)
34	503791	1	Pulley Housing
35	503953	2	Pulley Pivot Pin - Std. 5/16x1-3/4 R.H. Rivet
36	900801	2	3/32x3/4 Cotter Pin
37	503786	1	Reel Latch
38	503954	1	Reel Latch Spring
39	912621	1	1/4x2-1/2 Machine Bolt (No Nut)
40	904153	1	1/4 - 20NC-2 Std. Wing Nut
41	503878	1	Reel Adjusting Cord
42	504139	1	Reel Adjusting Arm
43	503960	1	Arm Spring
44	910158	1	3/8x1-1/2 Machine Bolt
45	910287	2	3/8 Lockwashers
46	S5D15558	1	Adjusting Arm Collar - 7/8 Set Collar
47	912370	1	#12x1-39/64x57/64 Spec. Washer
48	900811	1	3/16x1-1/2 Cotter Pin
49	910289	2	3/8x1-1/4 Machine Bolts
50	910306	2	3/8 Sq. H.P. Nut
51	503879	1	Adjusting Arm Brace
52	911869	1	5/16x1-1/2 Machine Bolt
53	504140	1	Reel Post Brace
54	910557	1	5/16x2 Machine Bolt
55	504141	1	Reel Post Pivot
56	900938	2	3/16x1 Cotter Pin
57	504204	1	Adjusting Arm Holder Assembly
58	504207	1	Holder Spacer - 3/8 Std. Blk. Pipe, 2-7/16 Long
59	910212	1	3/8x3-1/2 Machine Bolt
60	910818	1	#12x1-3/8x7/16 Spec. Washer
61	504208	1	Header R.H. Side Brace



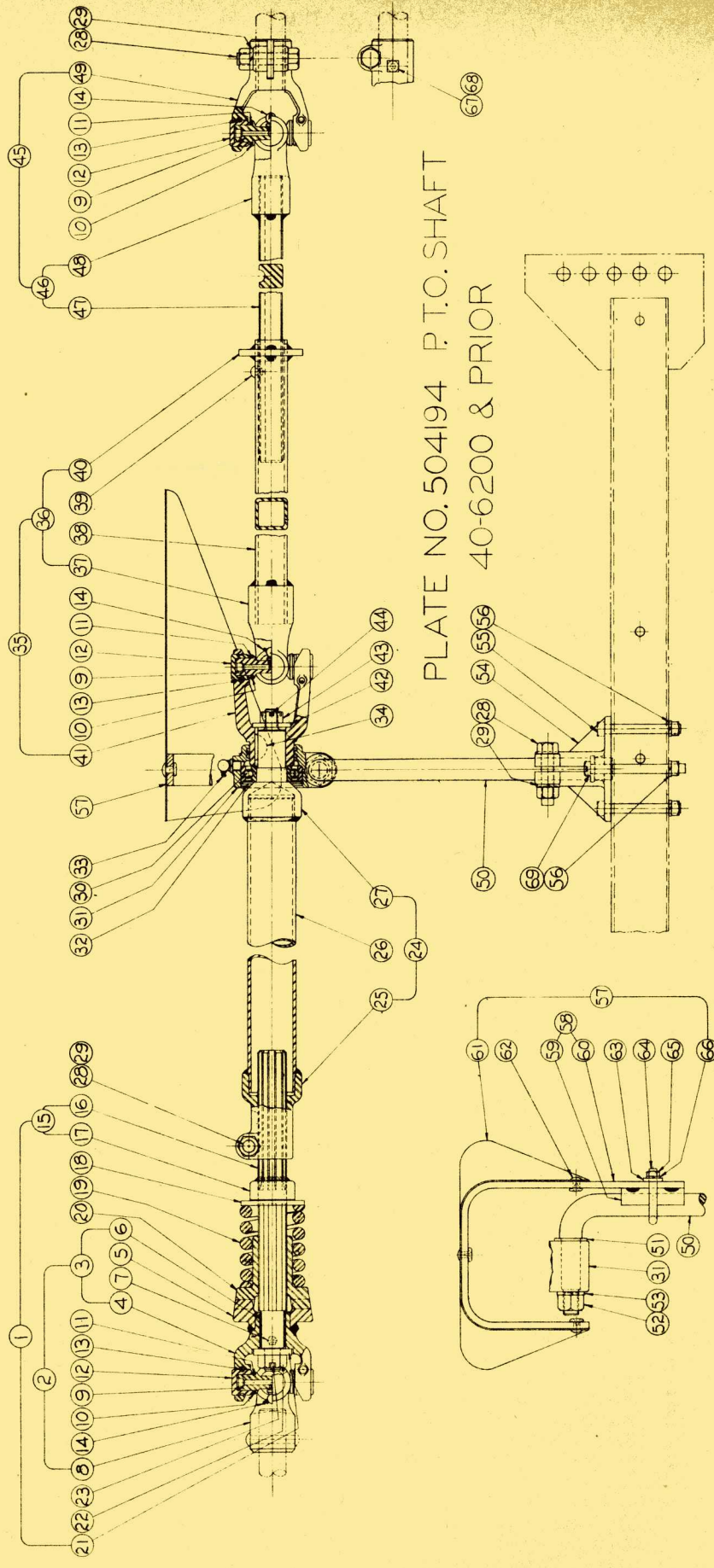


PLATE NO. 504194 P.T.O. SHAFT  
 40-6200 & PRIOR



P.T.O. SHAFT  
(Plate 504194)

Item	Part No.	Qty.	Name	(Used on 40-6200 & Prior)
-	504194	1	P.T.O. Shaft Assem. (Includes Items 24 to 35 Inc., 42 to 44 Inc., 50 to 56 Inclusive, & 69)	
1	504252	1	P.T.O. Slip Clutch & Joint Assem. (Includes Items 2 to 23 Inc.)	
2	504256	1	Universal Joint & Ratchet Assem. (Includes Items 3 to 14 Inc.)	
3	504253	1	Universal Yoke & Ratchet Assem. (Includes next 3 Items)	
4	504254	1	Universal Joint Yoke	
5	504255	1	Ratchet - Rear	
6	502777	1	Shaft Bushing	
7	912377	1	Lubricator 1/4 P.T.O 28 Str. #1641	
8	502774	1	Rear Universal Joint Yoke	
9	504257	3	Joint Center Cross (Order 505665 with 913147 Fitting)	
10	504259	12	Cork Washer Retainer	
11	504258	12	Joint Cork Washers	
12	504260	12	Joint Bushing	
13	912735	12	3/16x1-3/8 R.H. Rivets	
14	912734	3	Lubricator 1/4 P.T. 67-1/2° #1682	
15	504261	1	Slip Clutch Shaft Assem. (Includes next 2 Items)	
16	504195	1	Slip Clutch Shaft	
17	504262	1	Slip Clutch Locating Sleeve	
18	504264	1	Slip Clutch Spring Seat	
19	504265	1	Slip Clutch Spring	
20	504263	1	Slip Clutch Ratchet - Front	
21	504266	1	Slip Clutch Shaft Washer	
22	912737	1	5/8-18 Thrd. L.H. C.P.S.F. Slotted Nut	
23	900810	1	3/16x1-1/4 Cotter Pin	
24	504190	1	P.T.O. Tube Assem. (Includes next 3 Items)	
25	504192	1	P.T.O. Tube End - Rear	
26	504191	1	P.T.O. Tube	
27	504193	1	P.T.O. Tube End - Front	
28	910764	3	1/2x2 Hex. Hd. Machine Bolts (Hex. Nut)	
29	904208	3	1/2 Lockwashers	
30	#7506	1	P.T.O. Support Bearing N.D.	
31	502330	1	P.T.O. Support Bearing Housing	
32	502324	1	Bearing Snap Ring	
33	910166	1	Lubricator 1/8 P.T. 90° #1613	
34	905126	1	#15 Woodruff Key	
35	504268	1	P.T.O. Telescope Tube Univ. Joint Assem. (Includes Items 9 to 14 Inc., 36 to 41 Inclusive)	
36	504269	1	P.T.O. Telescope Tube Assem. (Includes next 4 Items)	
37	502788	1	P.T.O. Hitch Universal Yoke	
38	504270	1	P.T.O. Telescoping Tube	
39	912736	1	1/4x1/4 R.H. Rivet	
40	502790	1	P.T.O. Telescope Tube Reinforcement	
41	502786	1	P.T.O. Support Bearing Universal Yoke	
42	912332	1	3/16x1-1/2x17/32 Spec. Washer	
43	912351	1	1/2 Hex. Amer. Reg. C.P.S.F. Slotted Nut 13 NC-2	
44	900807	1	1/8x1-1/4 Cotter Pin	
45	504271	1	P.T.O. Telescope Shaft & Univ. Joint Assem. (Includes Items 9 to 14 Inc. 46 to 49 Inc.) (Order 505595)	
46	504272	1	P.T.O. Telescope Shaft Assem. (Includes next 2 Items)	
47	504273	1	P.T.O. Telescope Shaft - 15/16 Sq. x 23-5/16 Long	
48	502787	1	P.T.O. Hitch Universal Yoke	
49	502795	1	P.T.O. Clamp Universal Yoke	
50	502797	1	P.T.O. Support Rod	
51	910819	1	#12x1-3/8x49/64 Spec. Washer	
52	910512	1	5/8 Hex. Amer. Reg. H.P. Nut	
53	904209	1	5/8 Lockwasher	
54	503794	1	P.T.O. Support Rod Bracket	
55	910155	2	3/8x3 Machine Bolts	
56	910287	3	3/8 Lockwashers	
57	504305	1	P.T.O. Guard Assem. (Includes Items 58, also 61 to 66 Inc.)	
58	504306	1	Guard Support Assem. (Includes next 2 Items)	
59	504296	1	Guard Support Guide	
60	504295	1	Guard Support	
61	504294	1	P.T.O. Guard	
62	912615	3	3/16x7/16 Style #2139, 3/8 Dia. Hd. Tubular Rivets	
63	504297	1	Guard Clamp Bar	
64	504298	1	Guard "U" Bolt	
65	910981	2	5/16 Hex. H.P. Nuts	
66	910286	2	5/16 Lockwashers	
67	912751	1	3/16x2 Machine Bolt	
68	910284	1	3/16 Lockwasher	
69	910577	1	3/8x3-3/4 Machine Bolt	



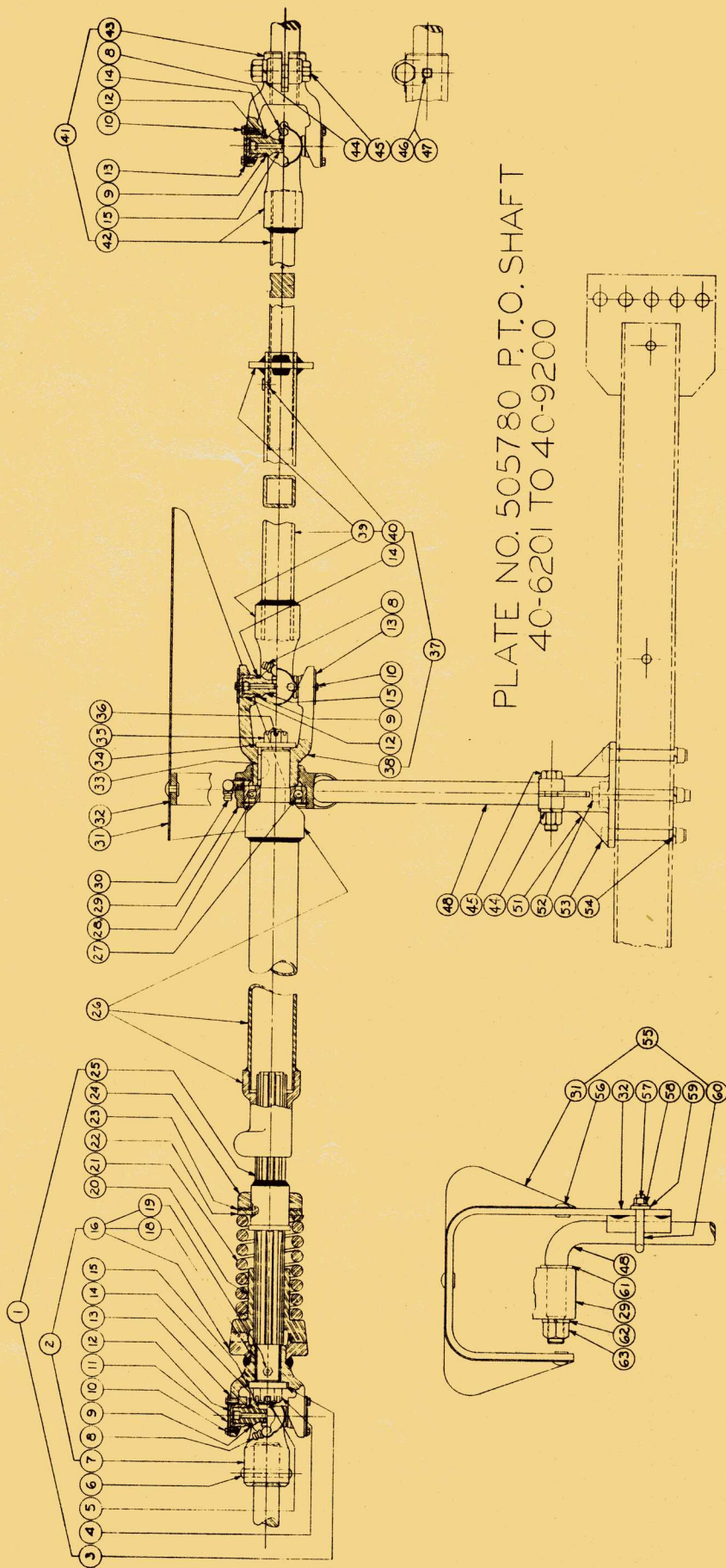


PLATE NO. 505780 P.T.O. SHAFT  
 40-6201 TO 40-9200



P.T.O. SHAFT ASSEMBLY

(Plate 505780)

(Used on 40-6201 to 40-9200 Inc.)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	505780	1	P.T.O. Shaft Assem. (Includes Items 26 to 30 Inc; 33 to 54 Inc; & 61 to 63 Inc)
1	505777	1	P.T.O. Slip Clutch & Joint Assem. (Includes Items 7 to 16 Inc.)
2	505823	1	Univ. Joint & Ratchet Assem. (Includes Items 7 to 19 Inc.)
3	505266	1	Slip Clutch Shaft Washer
4	912737	1	5/8 - 18 Thrd. L.H. C.P.S.F. Slotted Nut
5	900938	1	3/16 x 1-1/4 Cotter Pin
6	911534	1	5/16 x 2-1/4 Rd. Hd. Rivet
7	505824	1	Rear Universal Joint Yoke
8	913073	3	Ale. Hyd. Fitting #1648
9	505839	12	Cork Retainer
10	505838	24	Cover Plate Screw
11	505827	12	Lock Plate
12	505826	12	P.T.O. Joint Bushing
13	505828	12	P.T.O. Joint Cover Plate
14	504258	12	Cork Washer
15	505825	3	Joint Center Cross
16	505829	1	P.T.O. Slip Clutch & Univ. Yoke Assem.(Includes Items 18 & 19)
18	502777	1	Spline Shaft Bushing
19	912377	1	Ale. Hyd. Fitting #1641
20	505832	1	P.T.O. Clutch Ratchet
21	505833	1	P.T.O. Safety Clutch Spring
22	505834	1	P.T.O. Clutch Spring Washer
23	505835	1	Clutch Lockwasher
24	505836	1	Clutch Adj. Nut
25	505837	1	Clutch Shaft Assem.
26	505779	1	P.T.O. Tube Assembly
27		1	P.T.O. Support Bearing #7506 N.D.
28	502324	1	Support Bearing Snap Ring
29	502330	1	Support Bearing Housing
30	910166	1	Ale. Hyd. Fitting #1613
31	504294	1	P.T.O. Guard
32	504295	1	Guard Support
33	905126	1	#15 Woodruff Key
34	912332	1	3/16 x 1-1/2 x 17/32 Spec. Washer
35	912351	1	1/2 Hex. Amer. Reg. C.P. Slotted Nut
36	900807	1	1/8 x 1-1/4 Cotter Pin
37	505787	1	P.T.O. Telescoping Tube & Joint Assem.(Includes Items 8 to 15; & 38 to 40 Inc.)
38	505840	1	Bearing Support Univ. Yoke
39	505841	1	Telescoping Tube Assem.
40	911578	1	3/16 x 1/4 Flat Head Rivet (Includes Item 39)
41	505788	1	Telescoping Shaft & Joint Assem.(Includes Items 8 to 15 Inc; also 42 & 43)
42	505845	1	Telescoping Shaft Assem.
43	505844	1	Clamp Universal Yoke
44	904208	1	1/2 Lockwasher
45	910764	1	1/2 x 2 Hex. Hd. Machine Bolt Hex. Nut
46	912751	1	3/16 x 2 Machine Bolt
47	910284	1	3/16 Lockwasher
48	502797	1	P.T.O. Support Rod
49	910764	1	1/2 x 2 Machine Bolt
50	904208	1	1/2 Lockwasher
51	505654	1	P.T.O. Support Rod Bracket
52	910577	1	3/8 x 3-3/4 Machine bolt
53	910155	2	3/8 x 3 Machine Bolt
54	910287	3	3/8 Lockwasher
55	504305	1	P.T.O. Guard Assem.(Includes Items 31 & 32; also 56 to 60 Inc.)
56	912615	3	3/16 x 7/16 Style 2139 - 3/8 Dia. Hd. Tub. Stl. Rivet
57	910981	2	5/16 Hex. H.P. Nut
58	910286	2	5/16 Lockwasher
59	504297	1	Guard Clamp Bar
60	504298	1	Guard U Bolt
61	910819	1	#12 x 1-3/8 x 49/64 Spec. Washer
62	904209	1	5/8 Lockwasher
63	910512	1	5/8 Hex. Amer. Reg. H.P. Nut



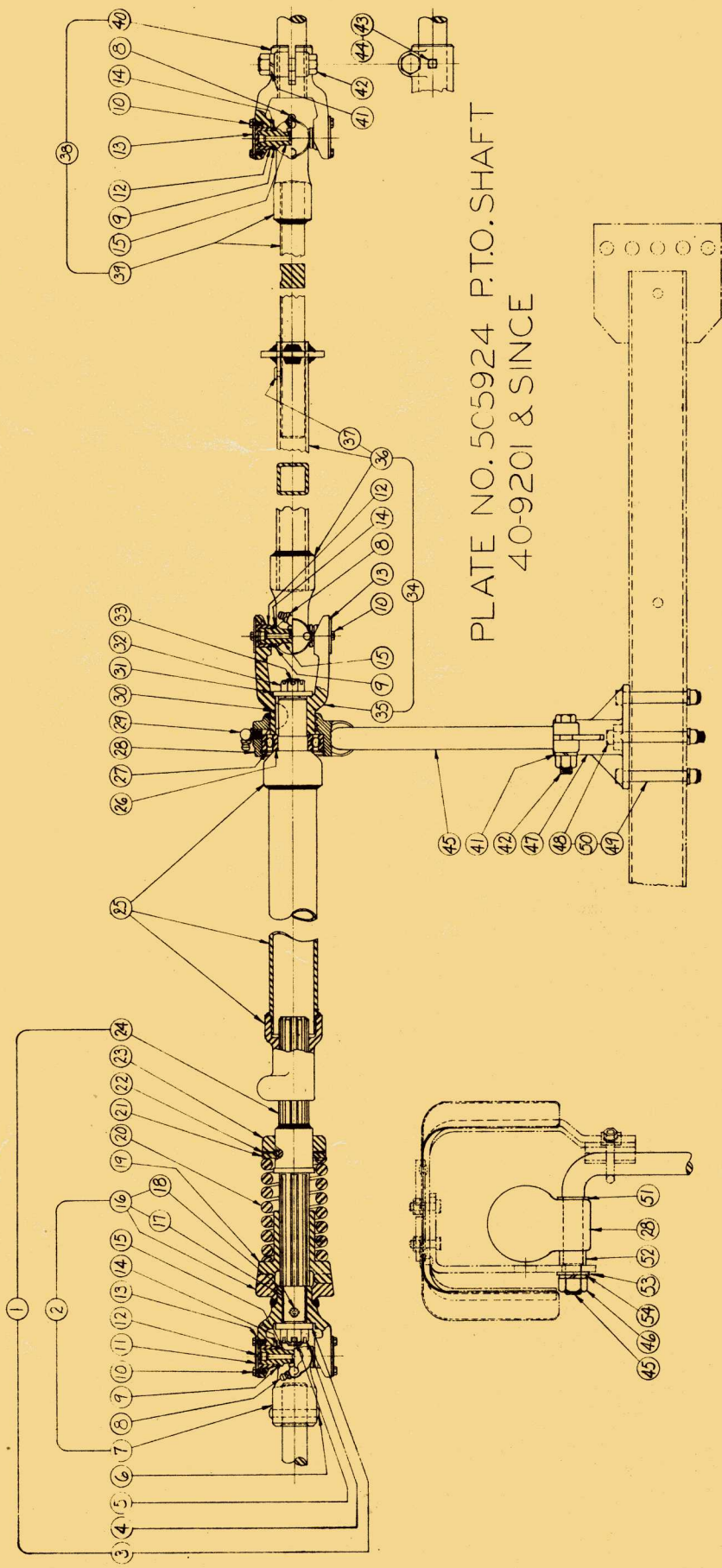


PLATE NO. 5C5924 P.T.O. SHAFT  
40-9201 & SINCE



P.T.O. SHAFT ASSEMBLY

(Plate 505924)

(Used on 40-9201 & Since)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	505924	1	P.T.O. Shaft Assembly (Includes Items 25 to 54 Inc.)
1	505777	1	Slip Clutch & Joint Assem. (Includes Items 1 to 24 Inc.)
2	505823	1	Univ. Joint & Ratchet Assem. (Includes Items 7 to 18 Inc.)
3	504266	1	Slip Clutch Shaft Washer
4	912737	1	5/8 - 18 Thrd. L.H. C.P.S.F. Slotted Nut
5	900938	1	3/16 x 1 Cotter Pin
6	911534	1	5/16 x 2-1/4 Rd. Hd. Rivet
7	505824	1	Rear Univ. Joint Yoke
8	913073	3	Ale. Hyd. Fitting #1648
9	505839	12	Cork Retainer
10	505838	24	Cover Plate Screw
11	505827	4	Lock Plate
12	505826	12	P.T.O. Joint Bushing
13	505828	12	Joint Cover Plate
14	504258	12	Cork Washer
15	505825	3	Joint Center Cross
16	505829	1	P.T.O. Slip Clutch & Univ. Yoke Assem. (Includes Items 17 & 18)
17	502777	1	Spline Shaft Bushing
18		1	Ale. Hyd. Fitting #1631
19	505832	1	P.T.O. Clutch Ratchet
20	505833	1	Safety Clutch Spring
21	505834	1	Clutch Spring Washer
22	505835	1	Clutch Lockwasher
23	505836	1	Clutch Adjusting Nut
24	505837	1	Clutch Shaft Assembly
25	505779	1	P.T.O. Tube Assembly
26		1	P.T.O. Support Bearing #7506 N.D.
27	502324	1	Support Bearing Snap Ring
28	502330	1	Support Bearing Housing
29	910166	1	Ale. Hyd. Fitting #1613
30	905126	1	#15 Woodruff Key
31	912332	1	3/16 x 1-1/2 x 17/32 Special Washer
32	912351	1	1/2 Hex. Amer. Reg. C.P.S.F. Slotted Nut
33	900807	1	1/8 x 1-1/4 Cotter Pin
34	505787	1	P.T.O. Telescoping Tube & Joint Assem. (Includes Items 8 to 10 Inc; 12 to 15 Inc; & 35 to 37 Inc.)
35	505840	1	Bearing Support Univ. Yoke
36	505841	1	Telescoping Tube Assem. (Includes Item 37)
37	911578	1	3/16 x 1/4 Long Flat Head Rivet
38	505788	1	Telescoping Shaft & Joint Assem. (Includes Items 8 to 10 Inc; 12 to 15 Inc; also 39 & 40)
39	505845	1	Telescoping Shaft Assembly
40	505844	1	Clamp Universal Yoke
41	904208	2	1/2 Lockwasher
42	910764	2	1/2 x 2 Hex. Hd. Mach. Bolt Hex. Nut
43	912751	1	3/16 x 2 Machine Bolt
44	910284	1	3/16 Lockwasher
45	505925	1	P.T.O. Support Rod
46	910512	1	5/8 Hex. Amer. Reg. H.P. Nut
47	505654	1	Support Rod Bracket
48	910577	1	3/8 x 3-3/4 Machine Bolt
49	910155	2	3/8 x 3 Machine Bolt
50	910287	3	3/8 Lockwasher
51	910819	1	#12 Ga. x 1-3/8 x 49/64 Spec. Washer
52	505948	1	Support Rod Spacer
53	911244	1	1/32 x 1-3/4 x 25/32 Special Washer
54	904209	1	5/8 Lockwasher



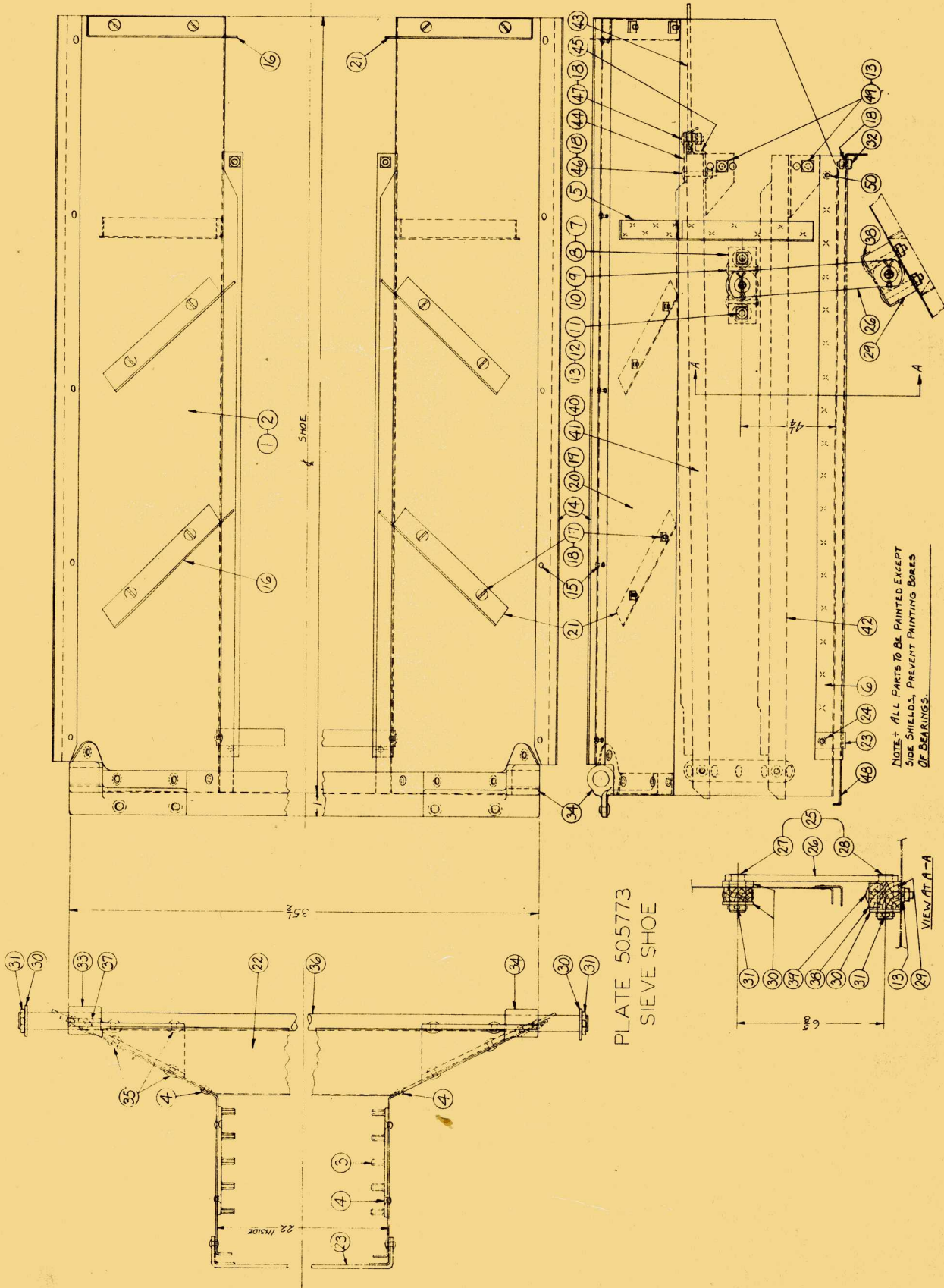


PLATE 505773  
SIEVE SHOE



SIEVE SHOE

(Plate 505773)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	504094	1	Sieve Shoe Assem. (Complete less Items 36 to 49 Inc.) Used on 40-6200 & Prior
	505773	1	Sieve Shoe Assem. (Complete less Items 36 to 49 Inc.) Used on 40-6201 & Since
1	504095	1	Side Assem. R.H. (Includes next 6 Items, also 11 to 18 Inc. & 50) Used on
			40-6200 & Prior
	505774	1	Side Assem. R.H. (Includes next 6 Items, also 11 to 18 Inc. & 50) Used on
			40-6201 & Since
2	504034	1	Side R.H.
3	502964	2	Sieve Support - Front
4	910280	6	3/16 x 3/8 W.B.H. Rivets
5	504097	2	Side Bracket
6	502966	2	Lower Sieve Slide Angle
7	502969	2	Upper Bearing Block Assem. (Includes next 3 Items)
8	502970	2	Upper Bearing Block
9	911340	4	3/16 x 1-3/8 W.B.H. Rivets
10	910531	4	3/16 Tinned Rivet Burr
11	910555	4	5/16 x 1-1/4 Machine Bolts
12	901165	4	5/16 Std. Washers
13	910286	8	5/16 Lockwashers
14	504098	2	Side Shield
15	910542	10	3/16 x 5/16 Tubular St. Rivets
16	504099	3	Side Deflector R.H.
17	900863	12	1/4 x 1/2 R.H. Stove Bolts
18	910285	18	1/4 Lockwashers
19	504096	1	Side Assem. L.H. (Includes next 2 Items, 5 to 7 Inc., 11 to 15 Inc., 3, 17, 18, and 50) Used on 40-6200 & Prior
	505775	1	Side Assem. L.H. (Includes next 2 Items, 5 to 7 Inc., 11 to 15 Inc., 3, 17, 18, and 50) Used on 40-6201 & Since
20	504035	1	Side L.H.
21	504100	3	Side Deflector L.H.
22	504101	1	Front Cross Member
23	502978	1	Shoe Lower Brace
24	910282	2	3/16 x 1/2 W.B.H. Rivets
25	502974	2	Hanger Assem. (Includes next 3 Items)
26	502975	2	Hanger
27	502976	2	Upper Pin - 3/4 x 1-23/32 Long
28	502977	2	Lower Pin - 3/4 x 2-1/16 Long
29	502979	2	Lower Bearing Block
30	910819	10	#12 x 1-3/8 x 49/64 Spec. Washers
31	900810	6	3/16 x 1-1/4 Cotter Pins
32	910488	2	1/4 x 1/2 Machine Bolts
33	503933	1	Drive Shaft Bracket R.H.
34	503934	1	Drive Shaft Bracket L.H.
35	910297	10	1/4 x 5/8 W.B.H. Rivets
36	502981	1	Drive Shaft - 3/4 x 40-1/8 Long
37	905123	1	#9 Woodruff Key
38	502980	2	Lower Hanger Block Clip
39	910426	4	5/16 x 2 Carriage Bolts
40	502982	1	Adjustable Chaffer Assem. (Includes Items 43 to 47 Inc., also 18 & 41)
41	502983	1	Adjustable Chaffer Used on 40-6200 & Prior
	505767	1	Adjustable Chaffer Used on 40-6201 & Since
42	502984	1	Adjustable Sieve Used on 40-6200 & Prior
	505768	1	Adjustable Sieve Used on 40-6201 & Since
43	502985	1	Tail Rake
44	500739	2	Rake Clip - Upper
45	500740	2	Rake Clip - Lower
46	910393	2	1/4 x 1-1/2 Carriage Bolts
47	910389	2	1/4 x 7/8 Carriage Bolts
			Lower Special Sieves
	503329	1	Timothy - 1/14 Perf.
	503332	1	Clover - 1/12 Perf.
	503334	1	Alfalfa - 7/64 Perf.
	503336	1	Millet - 9/64 Perf.
	505661	1	Crotalaria - 3/16 Perf.
48	503338	1	Soy Beans - 5/16 Perf.
	503340	1	Soy Beans - 3/8 Perf.
	503342	1	Soy Beans - 7/16 Perf.
	503344	1	Large Beans - 9/16 Perf.
	503346	1	Blue Grass - 1/16 x 3/8 Perf.
	503348	1	Wheat - 5/32 x 3/4 Perf.
	504278	1	Red Top - 24 x 24 Mesh
49	910304	4	5/16 x 5/8 Machine Bolts
50	911200	2	3/16 x 1/4 Tubular St. Rivets



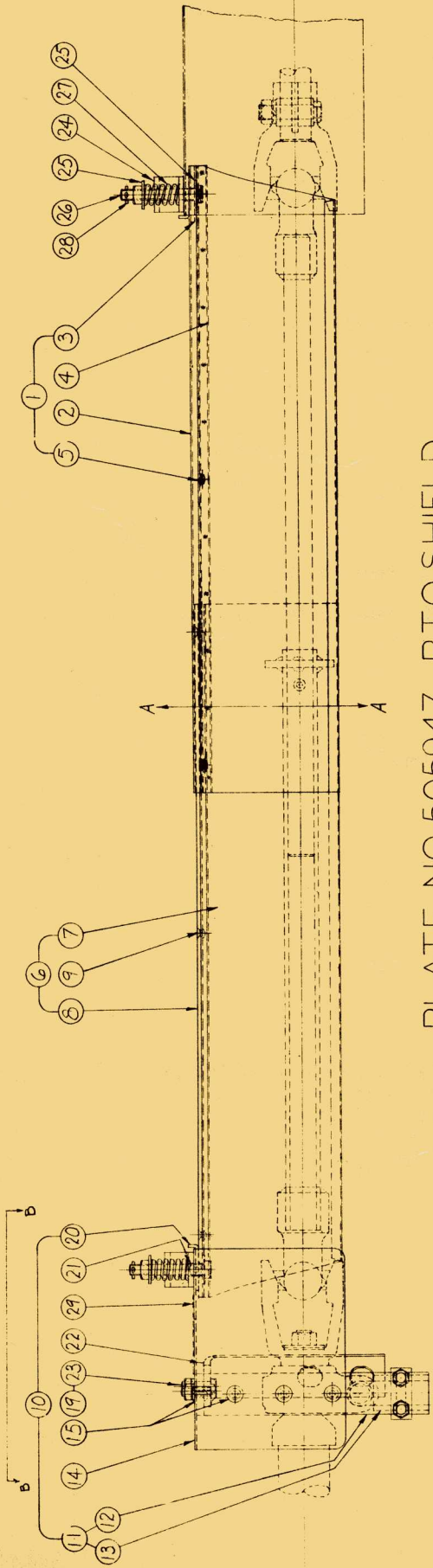
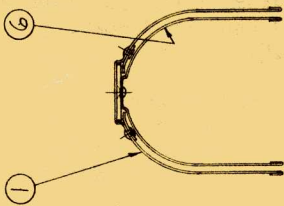
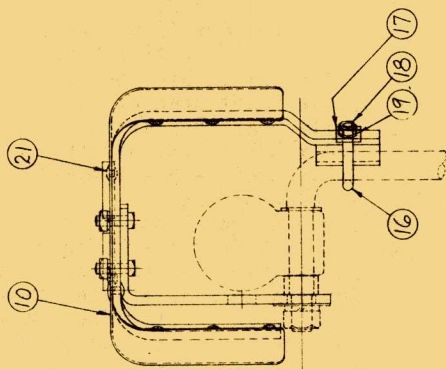


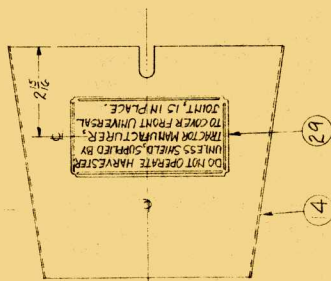
PLATE NO. 505947 P.T.O. SHIELD



SECTION A-A



PLAN VIEW B-B SHOWING TRANSFER





P.T.O. SHIELD ASSEMBLY

(Plate 505947)

(Used on 40-9201 & Since)

<u>Item</u>	<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
-	505947	1	P.T.O. Shield Assembly Complete
1	505931	1	Shield Assembly Front (Includes Items 2 to 5 Inc.)
2	505932	1	Shield Front
3	505933	1	Shield Reinforcing Plate
4	505934	2	Shield Guide Strip
5	907168	6	4# Tanners Tinned Rivet
6	505935	1	Shield Assembly Center (Includes Items 7 to 9 Inc.)
7	505936	1	Shield Center
8	505937	1	Center Shield Rail
9	910280	3	3/16 x 3/8 W.B.Hd.Rivet
10	505930	1	Shield Assembly Rear (Includes Items 11 to 15 Inc; 19 to 23 Inc; also 29)
11	505938	1	Guard Support Assembly (Includes next 2 Items)
12	505939	1	Guard Support
13	504296	1	Support Guide
14	505940	1	Guard
15	910296	7	3/16 x 5/8 W. B. Hd. Rivet
16	904298	1	Guard U Bolt
17	904297	1	Guard Clamp Bar
18	910981	2	5/16 Hex. H.P. Nut
19	910286	4	5/16 Lockwasher
20	505942	1	Pivot Clip
21	910282	2	3/16 x 1/2 W. B. Hd. Rivet
22	505941	1	Support Brace
23	910553	2	5/16 x 1 Machine Bolt
24	505889	2	Shield Connecting Clip
25	900817	4	3/8 Standard Washer
26	505893	2	Shield Pivot Bolt
27	SP-94	2	Shield Pivot Spring
28	900805	2	1/8 x 3/4 Cotter Pin
29	504304	1	Shield Transfer

"V" BELTS

<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
503303	1	Cylinder Drive V Belt
503304	1	Header & Fan Drive V Belt
503305	1	Separator Drive V Belt
503306	1	Reel Drive V Belt
504093	1	Tailings Elevator Drive V Belt (Used on 40-201 & Since)
503307	1	Tailings Elevator Drive V Belt (Used Prior to 40-201)
503308	1	Draper Drive V Belt
503327	1	Pick-Up Drive V Belt

MISCELLANEOUS PARTS

<u>Part No.</u>	<u>Qty.</u>	<u>Name</u>
913144	1	5/16" Hollow Hd. Set Screw Wrench
902878	1	3/8" Hollow Hd. Set Screw Wrench
902879	1	1/2" Hollow Hd. Set Screw Wrench
504008	1	Speed Counter
504601	1	Speed Counter Tip (Set)
504224	1	Trim Box (Packed)



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