READ Carefully SAVE!

Directions

FOR SETTING UP
AND OPERATING

JOHN DEERE

No. 52 Two-Bottom-12", 14" or 16"
No. 51 One-Bottom-16" or 18"

TRACTOR PLOWS

(Detail Design Subject to Change without Notice)

NOTICE!

The object of these directions is to assist the customer in setting up this implement correctly and to aid the user in operating it to the best advantage.

An implement incorrectly set up or improperly operated cannot produce the best results.

If you will observe the illustrations and descriptions and be guided accordingly, you will derive much helpful information.

Keep These Directions for Future Reference

FACTORY ADDRESS:
JOHN DEERE PLOW WORKS of Deere & Company
MOLINE, ILLINOIS, U. S. A.

DIR. No. 234—J. D. Plow Works—2-46

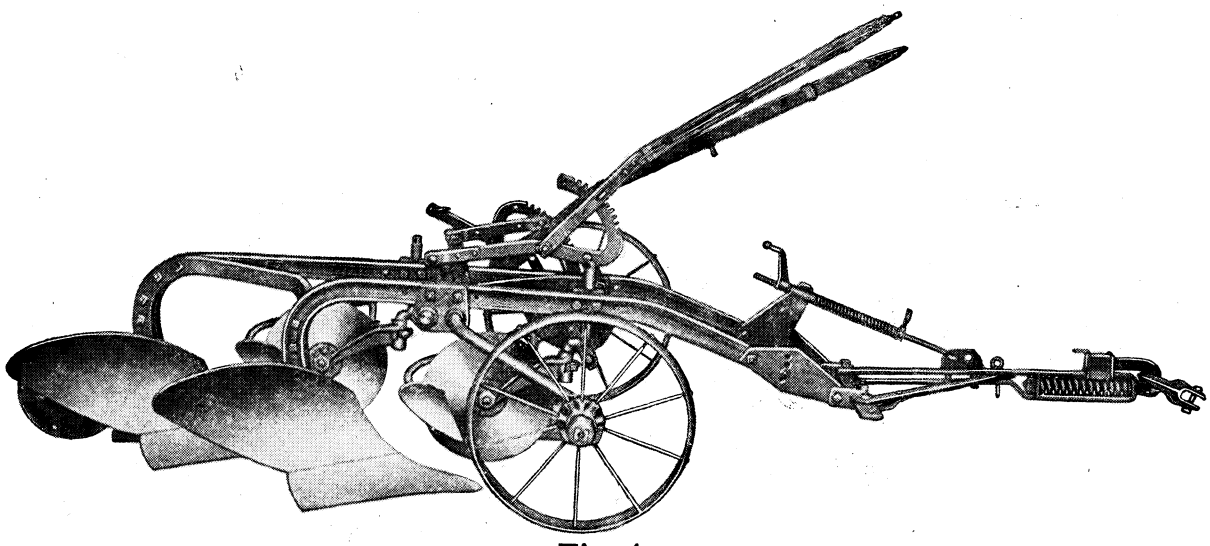


Fig. 1

Showing John Deere No. 52 Tractor Plow with 15″ Coulters and O46A Comb. Jointers

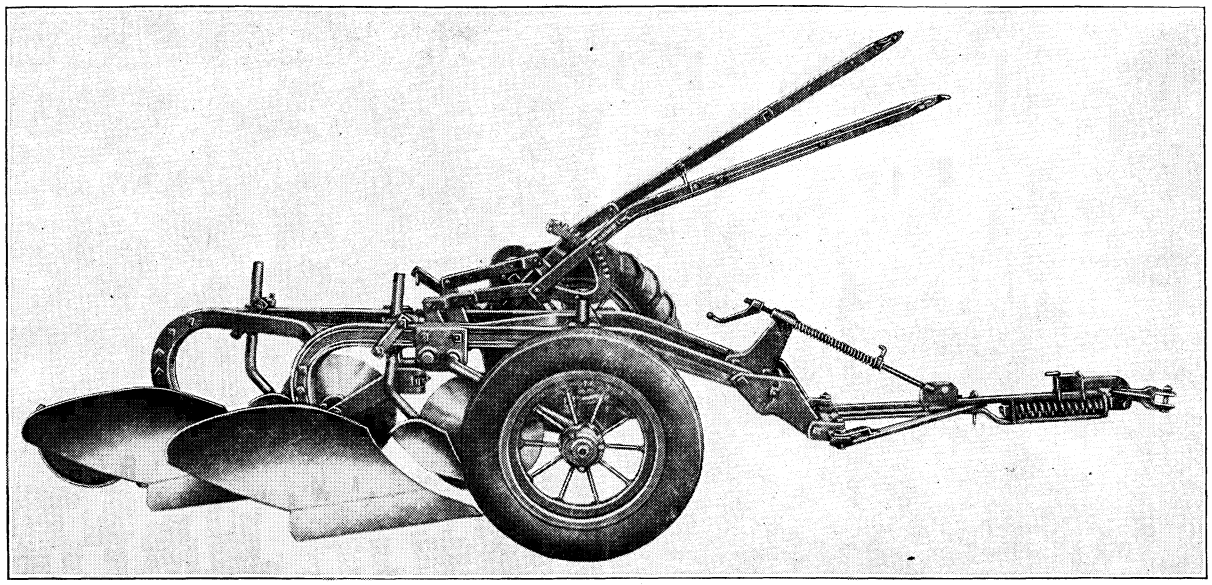


Fig. 2

Showing John Deere No. 52 Tractor Plow with Rubber Tires and Independent Jointers

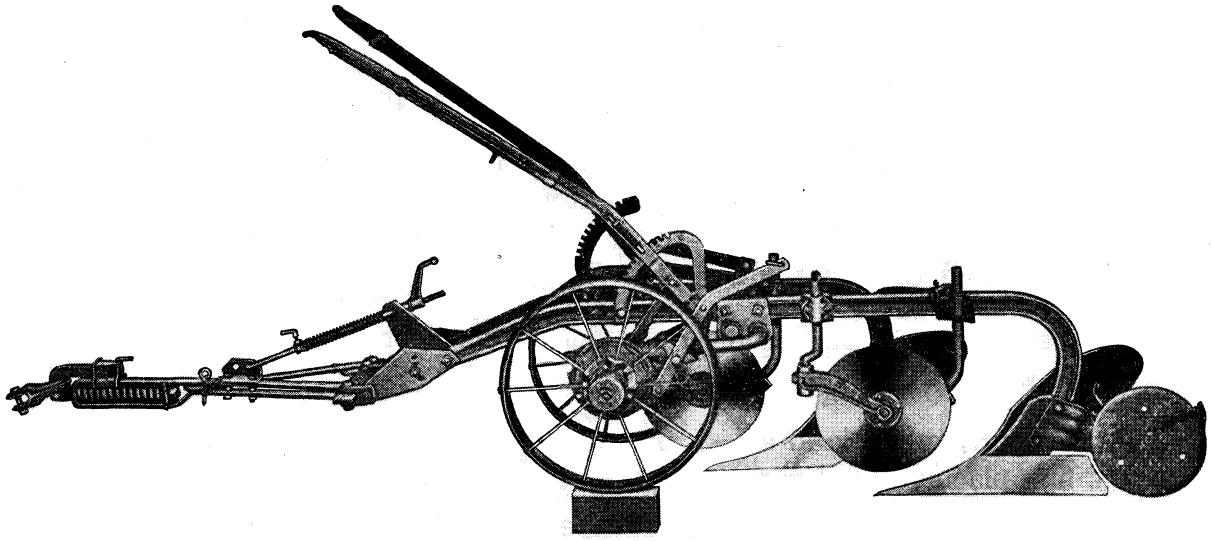


Fig. 3

Landside View of John Deere No. 52 Tractor Plow

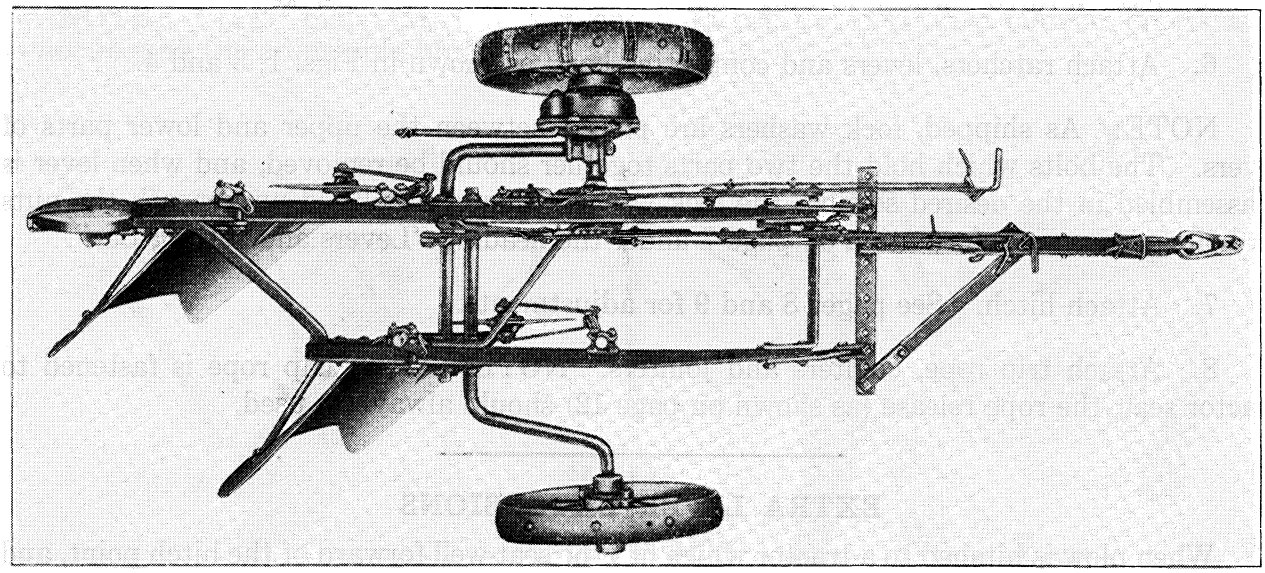


Fig. 4

Overhead View of John Deere No. 52 Tractor Plow

TO SET UP

1. Observe illustrations carefully to insure assembling parts correctly.

2. Bolt bottoms to beams. The instructions on page 5 apply to No. 52 Plows and should be followed in detail when attaching bottoms. No. 51 Plows have only one bottom (equipped with large landside) and no rolling landside. Attach bottom as shown in Figs. 6 and 7, drawing bolts up very tight.

3. Set beam and bottom bundle right side up on floor. Block up under the clevis jaws so the plow won't tip over.

4. Attach furrow and land axles. Bolt bearing plate with furrow axle to outside of front beam, first placing the filler plate between bearing and beam.

Bolt bearing plate with land axle to outside of rear beam, first placing the filler plate between bearing and beam. As you move the bearing plate to position, guide the land axle into the furrow axle bearing, and the furrow axle into the land axle bearing, so both will be in position when bearings are bolted up tight. Insert keys so axles will be held to place. See Figs. 1, 3 and 4.

5. Attach furrow wheel, locking box to axle with pin and cotter key.

6. Attach ratchets, levers and connecting bars, as shown in Figs. 1, 3 and 4.

NOTE: As shipped, lock washers are placed between the upper and lower parts of levers. The bolts which hold the two parts together should be removed, and when lever is reassembled in the desired setting, the lock washers should be placed underneath the nuts on bolts. Also see information on page 7 under the heading "Levers and Lifting Bar".

7. Attach hitch. See pages 8 and 9 for adjustments.

8. Attach trip rope, coulters and jointers. NOTE: When trip rope is fastened to tractor seat, the rope release (as shown on page 12) should always be used.

EXTRA LEVER EXTENSIONS

When plow is hitched to a tractor which has the seat well forward of the hitch point, and the levers are not within reach of the operator, even when extended to their longest position, a lever extension which makes the lever twelve inches longer can be furnished as extra equipment. One extension is required for each lever.

INSTRUCTIONS FOR ATTACHING BOTTOMS TO BEAMS
No. 52 Two-Bottom Plows

A. Remove loose parts wired to beam bundle, and tip beams upside down.

B. Remove bolts from bottoms and beams. Keep bolts separate and replace each bolt in hole from which it was removed.

C. Attach bottom having short landside to front beam, placing flat moldboard brace "X" in position as shown. Leave bolts slightly loose.

D. Attach bottom having long landside to rear beam, attaching rolling landside bracket "Y" to outside of frog at same time. Leave bolts slightly loose.

E. Pull points of shares slightly up or down, to level up the bottoms.

F. Tighten nuts on bolts. Be sure square neck of the two large bolts fits properly in the square holes in frog. Drive round boltheads home with hammer and retighten nuts, to insure bottoms being attached absolutely tight.

G. The round brace "Z" is adjustable. Lengthen or shorten this brace until it fits properly between rolling landside bracket and moldboard of rear bottom, then bolt to place.

IMPORTANT: See that moldboard braces "X" and "Z" fit properly before bolting to place. A brace too long or too short may force the moldboard out of shape when bolts are tightened, which might result in the bottoms not throwing alike and cause uneven furrows. (These braces "X" and "Z" may be bent slightly at the upper end if necessary to insure proper fit. There are two bolts in rolling landside bracket; casting on lower end of rod "Z" is generally attached to front bolt, but with some bottoms a better fit is procured by attaching to rear bolt.)

NOTE: "MR" Slat, "M" Breaker, and Syracuse Bottoms have built-in braces and do not require the adjustable braces "X" and "Z".

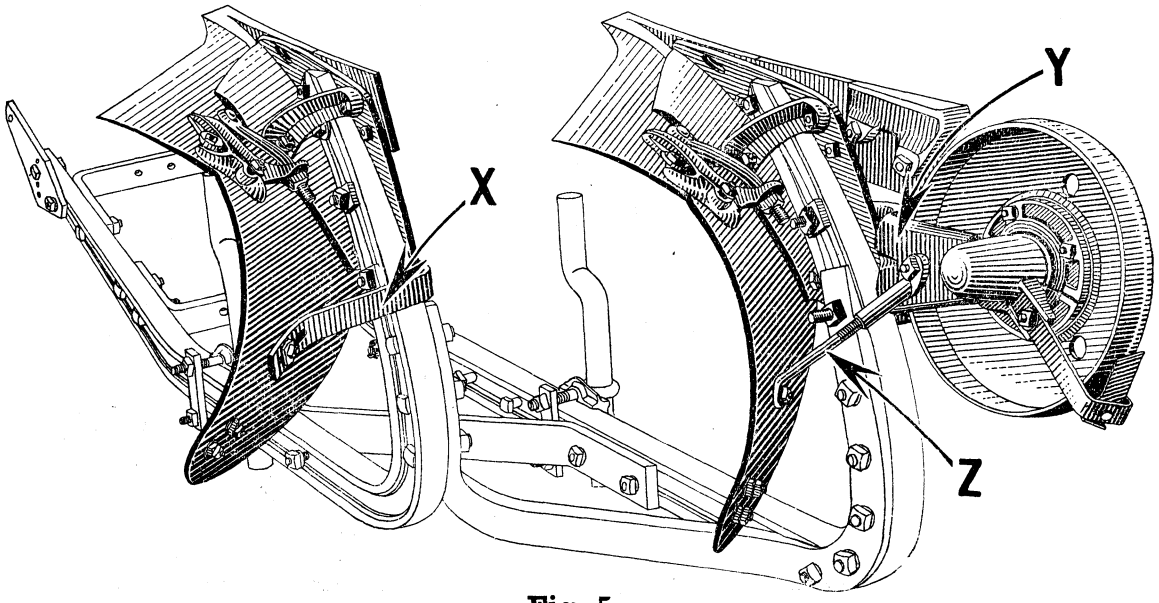


Fig. 5

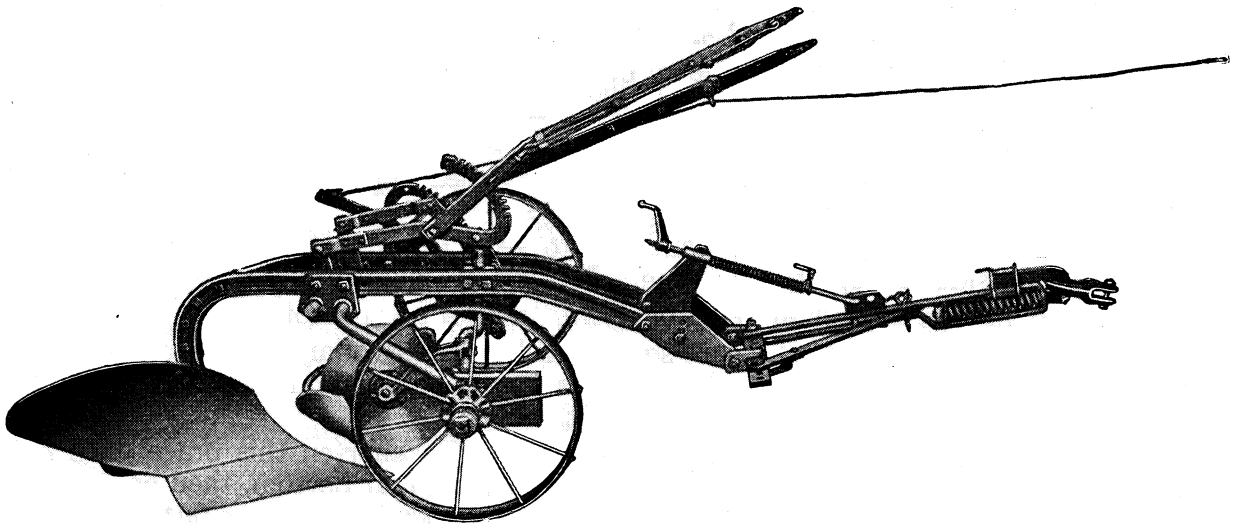


Fig. 6

John Deere No. 51 Tractor Plow

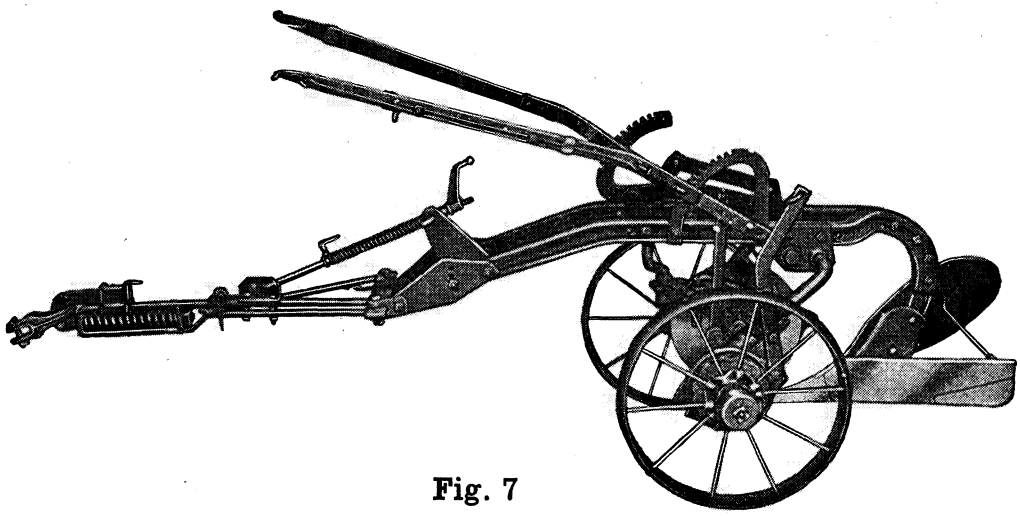


Fig. 7

John Deere No. 51 Tractor Plow—Landside View

OPERATING INSTRUCTIONS

The successful working of the plow is primarily dependent upon proper setting of shares, rolling coulters and hitch. Instructions under these heads should be especially observed.

REMOVE VARNISH FROM BOTTOMS.—Remove varnish from bottoms with solution of water and lye, or paint remover, before starting the plow.

POLISHED PARTS.—Protect plow bottoms and other polished or bright parts from rust between plowing seasons or intermittent periods by greasing them with a coat of good hard oil. Rust pits the moldboard and share which seriously interferes with scouring qualities.

KEEP NUTS TIGHT.—Most breakage is the result of loose parts. The plow will last longer, do better work, pull lighter, wear less, and be subject to less breakage if nuts are kept tight and cotters in place.

LUBRICATION.—Oil all bearings and moving parts thoroughly. This means wheels, levers, axles and lifting parts. Remember, oil prevents wear, saves repair expense and lightens draft.

NOTICE: Furrow wheel should be greased twice a day when plow is in use. With a grease gun, pump grease through the fitting at the end of the hub until grease shows at inner end; the bearing is then thoroughly lubricated.

LEVERS AND LIFTING BAR.—The furrow axle lever adjusts the height of the furrow wheel. It is used for leveling the plow and for raising the wheel when opening up land.

The master lever controls the depth of plowing. Raising the lever lifts the wheels and allows the plow to go down; lower the lever to plow shallow.

Both levers are adjustable as to length, for the convenience of the operator. **CAUTION:**—Do not lengthen the levers too much. When too long, they may interfere with the operator, seat or fenders when turning or going through deep furrows or ditches.

The lifting bar has two holes at the upper end. For shallow or medium depth, attach to master lever in upper hole; for deep plowing, attach to lever in lower hole.

SPRING RELEASE.—The draft of the plow is directly on the spring of the spring release hitch. The link is held with the lock. When an obstruction is encountered which puts an excessive strain on the spring, it is compressed to a point where the link releases itself from the lock, thus releasing the plow from the tractor.

To reattach the plow, slip the lock back a little, hook up the link and relock. A plunger bolt on the lock sets it at the correct position.

HORIZONTAL HITCH ADJUSTMENT—SEE "J" AND "L", FIG. 8

Adjust brace bar to right or left at "J" until the front plow cuts the correct width. Width of cut is correct when the distance from coulter to furrow wall is 12", 14" or 16", according to size of plow. In this connection, also consider the position of the draft bar "L". This should be bolted to the crossbar so it sets about parallel to the line of travel.

VERTICAL HITCH ADJUSTMENT—SEE "F", FIG. 8

Holes are provided at "F" for adjusting the hitch up or down. As a rule, set the jaws low at "F". Set the jaws just high enough for necessary clearance in trashy conditions. In deep plowing, set jaws a hole or two higher than when plowing shallow, to maintain proper line of draft. If the plow at the rear tends to lift on account of a high hitch at the jaws, apply a little more pressure on the compression spring. The pressure of this spring acts as an offset to a high draft line and prevents the plow from lifting at the rear. **See "I", Fig. 8.**

HITCH STOP ROD AND COMPRESSION SPRING—SEE "G", "H" AND "I", FIG. 8

The stop rod can be lengthened or shortened with the nut "G". Length is correct when there is about 1-1/2" play at "H" when plow is at work. This space is necessary to allow play so the work of the plow will not be affected by the action of the tractor or plow as they travel over uneven conditions. When the plow is lifted, the stop nut "G" comes to rest against the bracket. This makes the hitch rigid, and through this action, the plow is carried on the two wheels for convenience in turning, backing or transporting. If the plow is carried higher at the rear than at the front when transporting, turn the nut "G" back a little more. **Never carry the plow higher at the rear than at the front.**

The collar at "I", which controls the compression spring, can be moved up or down as may be found necessary. If the front of the plow tends to lift, **the spring is under too much pressure.** Move the collar down a little. If the rear end of the plow tends to come up, **the spring is not under enough pressure.** Move the collar up a little, which puts more compression on the spring.

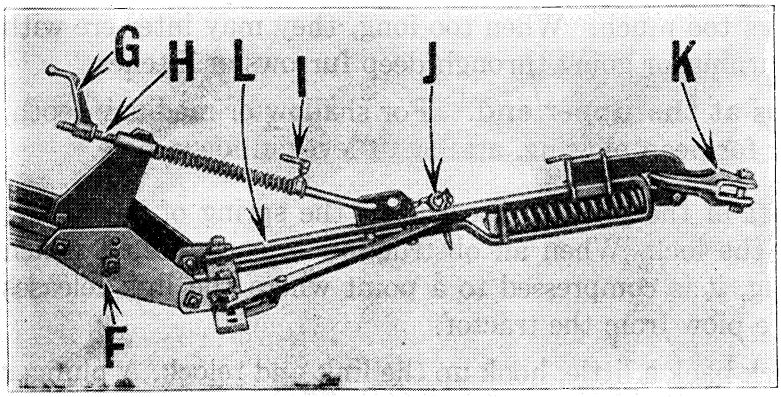


Fig. 8—Hitch

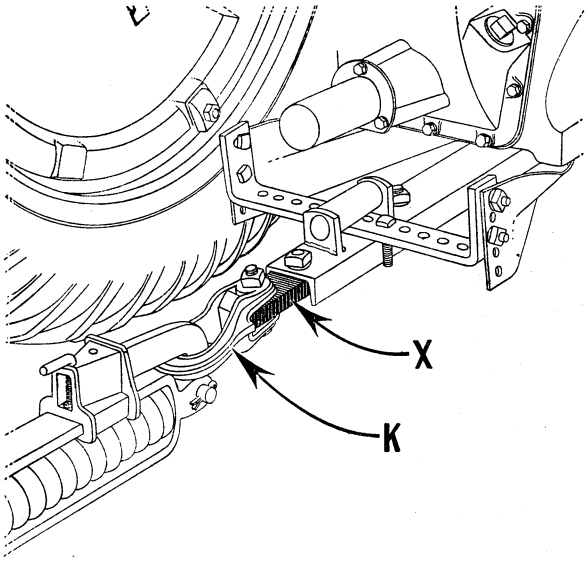


Fig. 9—Showing Hitch on John Deere Models "A", "AW", "AN", "B", "BW", and "BN" Tractors.

INSTRUCTIONS FOR HITCHING TO JOHN DEERE MODELS "A", "AN", "AW" OR "B", "BN", "BW" TRACTORS

1. Place crossbar in high position, as Shown in Fig. 9.

2. The drawbar "X" should be in the shortest possible setting, with the square end of bar toward the rear.

3. Lock swinging drawbar to position by placing a bolt at each side in the crossbar.

4. Bolt clevis "K" to swinging drawbar end.

INSTRUCTIONS APPLYING TO OTHER TRACTORS

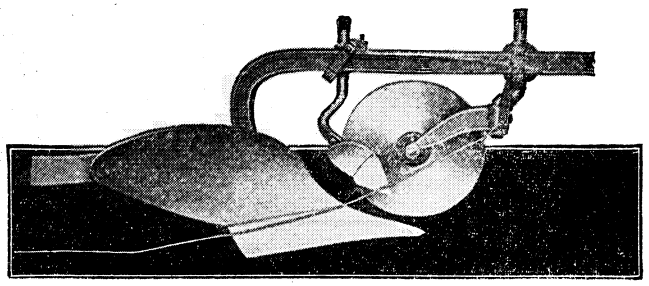
On tractors not having a swinging drawbar, the clevis "K" is bolted to the cross drawbar. On wide-tread tractors, best results are obtained by hitching 6″ to 9″ to the right of the center on the crossbar of tractor. This reduces the side draft on the plow and yet permits free and easy steering of the tractor.

IMPORTANT: Remember that a high hitch on the tractor and a low hitch at the clevis jaws of the plow are generally most satisfactory.

INDEPENDENT JOINTERS

Independent jointers assist the plow bottoms in turning under and covering trash, leaving the surface clean. They are of especial benefit in turning the furrow slice properly when plowing at higher speeds. Available with either steel or chilled iron blades.

For a more perfect plowing job, equip your plow with independent jointers.



Showing how to attach Coulter, Independent Jointer, Trash Wire and Moldboard Extension.

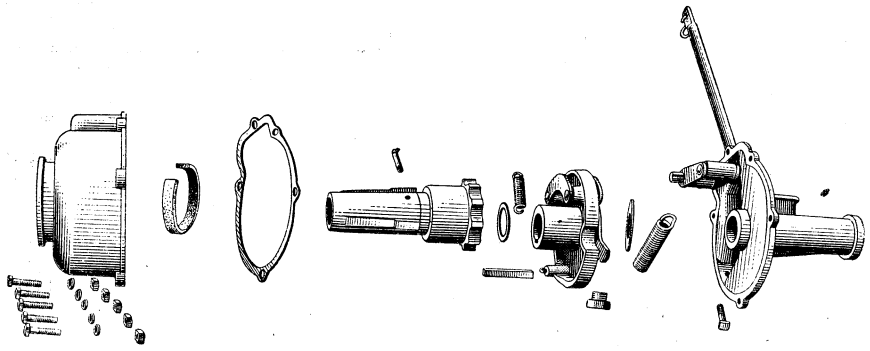
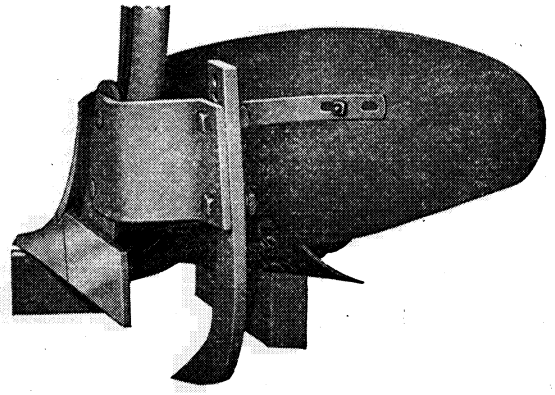


Fig. 10—Shows Enclosed Clutch

The clutch mechanism is completely enclosed and sealed to keep out dirt. It should be greased with an Alemite gun at the fittings provided in the land wheel box and land axle journal.

The adjustable washer at the outer end of the stub axle provides a simple take-up adjustment, if end-play becomes apparent after a period of time. This adjustment can be made by simply removing the land wheel cap; it is not necessary to take the clutch apart.

IMPORTANT: The bolt, which is inserted through the clutch housing at the front, regulates the tension on the spring (inside the housing) which controls the throw-out lever. Tension is properly adjusted when the clutch is built, but should greater tension become necessary the bolt should be tightened by turning the bolthead one or two turns clockwise. **Never loosen this bolt,** or the spring inside the clutch housing may become disconnected.



John Deere Subsoil Attachment furnished as extra. Used on first beam only. Set subsoiler to cut 1-1/2" to 3" deep.

Coulter and Jointer Instructions

For ordinary conditions, set the coulter about ½″ to ⅝″ to land (see A, Fig. 11). In difficult scouring soil, more pressure on moldboard can be secured by setting coulter still farther to land.

In stubble land, set coulter just deep enough to cut trash on top of ground, about 3″ to 4″ deep.

In sod plowing, set coulter deep enough to cut the roots below the surface, about 1″ to 2″ shallower than the plowshare is cutting, is about right.

Set jointer to cut about 2″ deep.

Keep the rolling coulter and jointer sharp. A dull cutter, like a dull knife, never does good work.

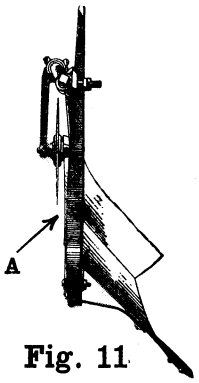
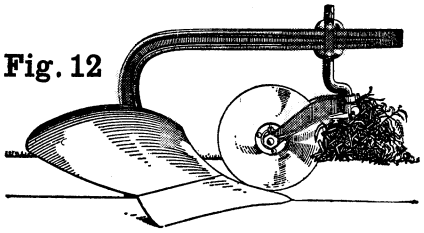


Fig. 11

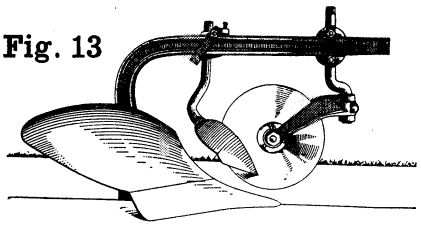
Set coulter at least 1/2″ wider than the cut of the plow at A.

Fig. 12



Showing rolling coulter set too deep. Pushes trash instead of cutting through it. In hard ground, it also robs the plow of suction.

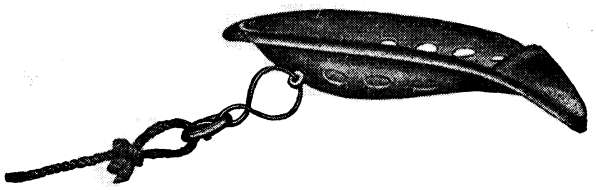
Fig. 13



Illustrating a coulter well set for ordinary plowing.

Oil coulters often and keep coulter bearings adjusted.

Number	DESCRIPTION	BUNDLES USED				
		No. 51 Plow		No. 52 Plow		
		16"	18"	12"	14"	16"
	SHIPPING BUNDLES					
.....	Beam and Parts—No. 51 Plows	1	1	..	..	..
.....	Beams and Parts—No. 52—12" Plow	..	..	1	..	..
.....	Beams and Parts—No. 52—14" Plow	..	..	..	1	..
.....	Beams and Parts—No. 52—16" Plow	..	..	..	..	1
598	Land Axle, Enclosed Clutch and JD1352 Wheel	1	1	1	..	..
599	Land Axle, Enclosed Clutch and JD1352 Wheel	..	..	..	1	..
600	Land Axle, Enclosed Clutch and JD1352 Wheel	..	..	..	..	1
No. 24	Hitch—Spring Release (As Ordered)	1	1	1	1	1
No. 25	Hitch—Pin Break (As Ordered)	1	1	1	1	1
No. 125	Hitch—Spring Release (As Ordered)	1	1	1	1	1
.....	Clutch Rope and Grease Fittings	1	1	1	1	1
JD1311	Furrow Wheel	1	1	1	1	1
S10656	15" C.R.C.—Blade and Yoke	1	1	2	2	2
.....	Bottoms (As Ordered)	1	1	2	2	2
No. 4	Rolling Landside—for No. 600, Slat, Syracuse Bottoms	..	..	1	1	1
No. 5	Rolling Landside—for No. 300, 14" or 16" Bottoms	..	..	1	1	1
No. 6	Rolling Landside—for No. 300, 12" Bottoms	..	..	1	1	1
	Attachments or Special Equipment					
JD1300	Furrow Wheel—5" Tire	1	1	1	1	1
JD1308	Land Wheel—5" Tire	1	1	1	1	1
JD1310	Land Wheel—8" Tire	1	1	1	1	1
JD1353	Land Wheel—5" Tire—Enclosed Clutch	1	1	1	1	1
S10714	17" C.R.C.—Blade and Yoke	1	1	2	2	2
S10364	30" Pea Vine Coulter	1	1	..	..	..
S10715	17" C.R.C. with Notched Blade	1	1	2	2	2
.....	Large Rear Wheel—for Rice Plowing	..	..	1	1	1
.....	Axle and Brackets for above Wheel	..	..	1	1	1
O46A	Combination Jointer—Steel—One-Piece Blade	1	1	2	2	2
O47A	Combination Jointer—Cast—Two-Piece Blade	1	1	2	2	2
O48A	Combination Jointer—Steel—Two-Piece Blade	1	1	2	2	2
O54	Independent Jointer—Steel	1	1	2	2	2
O57	Independent Jointer—Cast	1	1	2	2	2
JC12	Clamp—for O54 and O57 Jointers	1	1	2	2	2
RW36	Land Wheel—for Pneumatic Tire	1	1	1	1	1
RW34	Furrow Wheel—for Pneumatic Tire	1	1	1	1	1
.....	Lever Extension	2	2	2	2	2
7750	Moldboard Extension for EP, GP, MP, NGP Bottoms	1	1	2	2	2
No. 3	Landing Lever Attachment	1	1	1	1	1



Showing how trip rope release is attached to tractor seat.

When used with later style John Deere tractor seats, button should be placed in small forward hole.

No. 51 TRACTOR PLOW—WITH ONE BOTTOM—16″ or 18″
No. 52 TRACTOR PLOW—WITH TWO BOTTOMS—12″, 14″ or 16″

Part Number	DESCRIPTION	PIECES USED No. 51 Plow		PIECES USED No. 52 Plow		
		16″	18″	12″	14″	16″
	Beams and Parts					
614 Axle	Furrow Axles			1		
615 Axle	Furrow Axles	1			1	
617 Axle	Furrow Axles		1			1
643 Axle	Furrow Axle for 18″ No. 51 Muck and Marsh Plow		1			
612 Beam	Beam—Short			1	1	1
613 Beam	Beam—Long			1	1	1
614 Beam	Beam	1	1			
1295 A	Spring for Lever Dogs	2	2	2	2	2
1333 A	Spring for Hitch Adjusting Rod	1	1	1	1	1
4131 A	Shank for Coulter on Front Beam, when 10″ Bottoms are used			1		
13826 A	Trigger for Levers	2	2	2	2	2
14841 A	Washer under 21386 A Ratchet and on Bottoms (1⅜″ x ⅜″)	5	5	5	5	5
15452 A	Rear Beam Brace—14″ Plow				1	
16016 A	Rear Beam Brace—12″ Plow			1		
16101 A	Hammer Strap for 21583 A	1	1	1	1	1
16117 A	Trigger Box for Levers	2	2	2	2	2
16297 A	Pipe Spreader in Drawbar	1	1	1	1	1
17846 A	Eyebolt for Lever Dog	2	2	2	2	2
17880 A	Rear Beam Brace—16″ Plow					1
19505 A	Outside Clamp for Coulter	1	1	2	2	2
19829 A	Dog Rod—Lower Part—for Levers	2	2	2	2	2
19830 A	Dog Rod—Upper Part—for Levers	2	2	2	2	2
19831 A	Dog Rod Clamps—for Levers	8	8	8	8	8
20007 A	Bracket for Hitch Adjusting Rod	1	1	1	1	1
21380 A	Front Beam Brace—14″ Plow				1	
21383 A	Plate for Hitch Adjusting Rod	1	1	1	1	1
21386 A	Ratchet for Master Lever	1	1	1	1	1
21394 A	Filler Strap under Center Beam Brace			1	1	1
21395 A	Filler Strap under Axle Bearing and Center Beam Brace	2	2	3	3	3
21571 A	Front Beam Brace—16″ and 18″ No. 51 Plows—12″ No. 52 Plow	1	1	1		
21572 A	Front Beam Brace—16″ Plow					1
21573 A	Center Beam Brace—12″ Plow			1		
21574 A	Center Beam Brace—14″ Plow				1	
21575 A	Center Beam Brace—16″ Plow					1
21576 A	Bearing for Axle	1	1	1	1	1
21578 A	Hammer Strap for Master Lever	1	1	1	1	1
21583 A	Ratchet for Leveling Lever	1	1	1	1	1
21584 A	Link for 21583 A Ratchet	1	1	1	1	1
21585 A	Connecting Link for Furrow Axle	2	2	2	2	2
21586 A	Hitch Adjusting Rod	1	1	1	1	1
21594 A	Lever Dogs	2	2	2	2	2
21595 A	Pipe Bushing in 21584 A	1	1	1	1	1
21635 A	Land Frame	1	1			
22403 A	Clevis Jaws	2	2	2	2	2
22728 A	Hitch Rod Collar Tail Bolt	1	1	1	1	1
23765 A	Washer on Furrow Axle (2⅜″ x 1 9/16″)	1	1	1	1	1
23766 A	Upper Part for Levers	2	2	2	2	2
23767 A	Lower End for Master Lever	1	1	1	1	1
23768 A	Lower End for Leveling Lever	1	1	1	1	1
27056 A	Shank for Coulter	1	1	2	2	2
D457 A	Bushing in Master Lever Strap	1	1	1	1	1
D811 A	Collar with Setscrew for 21586 A	1	1	1	1	1
D826 A	Shank Clamp for Coulter	1	1	2	2	2
D831 A	Beam Washer under 21584 A Lever Link	1	1			
D832 A	Hook for Hitch Rod	1	1	1	1	1
D835 A	Adjusting Crank for Hitch Rod	1	1	1	1	1
D849 A	Rope Guide	1	1	1	1	1

No. 51 TRACTOR PLOW—WITH ONE BOTTOM—16" or 18"
No. 52 TRACTOR PLOW—WITH TWO BOTTOMS—12", 14" or 16"

Part Number	DESCRIPTION	PIECES USED
	Land Axle, Enclosed Clutch and Wheel	
598 Axle	Land Axle—No. 51 Plows and 12" No. 52 Plow	1
599 Axle	Land Axle—No. 52, 14" Plow	1
600 Axle	Land Axle—No. 52, 16" Plow	1
762 Axle	Stub Axle	1
16540 A	Trip Lever Bushing	1
18258 A	Washer between Box and Linchpin Collar (2 1/16" x 1 9/16")	3
21408 A	Pipe Bushing on Stub Axle Crank Pin	1
21576 A	Axle Bearing	1
21587 A	Clutch Lift Bar	1
22813 A	Felt Washer	1
23765 A	Washer between Clutch and Box, and on End of Axle (2 3/8" x 1 9/16")	2
25113 A	Inside Clutch Spring	1
25114 A	Trip Lever Spring	1
25115 A	Gasket between D987 A and D964 A	1
25116 A	Dust Seal between D968 A and Hub	1
25119 A	Clutch Lift Key	1
25120 A	Washer between D987 A and Clutch (3" x 1 9/16")	1
25126 A	Lifting Clutch, with D998 A	1
25131 A	Clutch Cover Sand Collar	1
25248 A	Lugs on Land Wheel	12
27412 A	Clutch Trip Lever	1
D964 A	Clutch Cover	1
D967 A	Land Wheel Box	1
D968 A	Land Wheel Box Cap	1
D969 A	Trip Lever Arm	1
D970 A	Trip Lever Arm Roller	1
D971 A	Trip Lever Spring Plug	1
D987 A	Land Axle Journal	1
JD7759	Alemite Fitting in D987 A	1
JD7780	Alemite Fitting in Wheel Box	1
M799 A	Linchpin Collar	1
JD1352	Wheel—24" Diam., 4" Tire—Regular	1
RW35	Wheel with 4:00-E-16" Drop Center Rim for Rubber Tire—Optional	1

ROLLING LANDSIDES

Part Number	DESCRIPTION	PIECES USED		
		No. 4	No. 5	No. 6
16915 A	Scraper Point	1	1	1
19517 A	Arm Brace, for 12" Bottom	....	....	1
22087 A	Cardboard Spacing Washer	1	1	1
22878 A	Arm Brace, for 14" Bottom	....	1	....
23227 A	Scraper Arm	1	1	1
23230 A	Arm	....	1	1
23231 A	Arm	1	....	....
D776 A	Brace Adjuster	....	1	1
D851 A	Rolling Landside Wheel	1	1	1
D852 A	Sand Cap	1	1	1
D853 A	Box	1	1	1
JD7759	Alemite Fitting in D853 A	1	1	1

Part Number	DESCRIPTION	PIECES USED		
		No. 24	No. 25	No. 125
	HITCHES **No. 24 Spring Release—Regular** **No. 25 Pin Break—Special** **No. 125 Spring Release—Special**			
14124 A	Drawbar Hitch Clevis	2	2	
15360 A	Drawbar Stop-Off Pin	1	1	
15612 A	Hitch Lifting Rope			1
15814 A	Drawbar Hitch Link		1	
15820 A	Chain with 2 S-Hooks	1	1	1
16297 A	Pipe Spreader for Drawbar	1	1	1
18729 A	Spring for Stop Pin	1		
18825 A	Hitch Release Stop Pin	1		
18890 A	Spring for Hitch Release	1		1
18893 A	Hitch Spring Guide	1		
18894 A	Nut Lock for 19105 A Bolt	1		
19015 A	Hitch Release Hook	1		
19105 A	Hitch Draft Bolt	1		
19106 A	Hitch Release Hook Stop Plate	1		
19119 A	Hammer Strap for 20140 A	1	1	1
19302 A	Hitch Yoke	1		
20008 A	Hitch Crossbar	1	1	1
20140 A	Hitch Adjusting Brace	1	1	1
21913 A	Drawbar		2	
21914 A	Drawbar Break Pin Bar		1	
25105 A	Hitch Clevis			1
26124 A	Hitch Spring Plunger Block Insert			1
26126 A	Hitch Plunger Spring			2
27656 A	3-Port Revolving Hitch Hook			1
27664 A	Upper Drawbar			1
27665 A	Lower Drawbar			1
27666 A	Hitch Spring Plunger			1
27667 A	Hitch Spring Plunger Guide			1
27668 A	Hitch Spring Plunger Nut Lock			1
27669 A	Crossbar and Clevis Jaw Connecting Strap			4
27670 A	Crossbar and Clevis Jaw Connecting Strap Clip			4
27671 A	Hitch Trigger Spring			1
D741 A	Hitch Release Hook Stop	1		
D834 A	Hitch Clevis	1		
D960 A	Rope Knob			1
G672 A	Hitch Trigger			1
G673 A	Hitch Spring Plunger Block			1
JD7759	Alemite in D985 A			1
W1457 A	Wood Break Pin		1	

Part Number	**Clutch Rope and Grease Fittings—No. 51 and No. 52 Plows**	PIECES USED
15612 A	Rope (5/16" x 10')	1
16146 A	Spring Release for Rope	1
18104 A	Link for Rope	1
D571 A	Eye Stud	1
JD7759	Alemite Fittings for D853 A-D843 A (1/8" Stem)	2

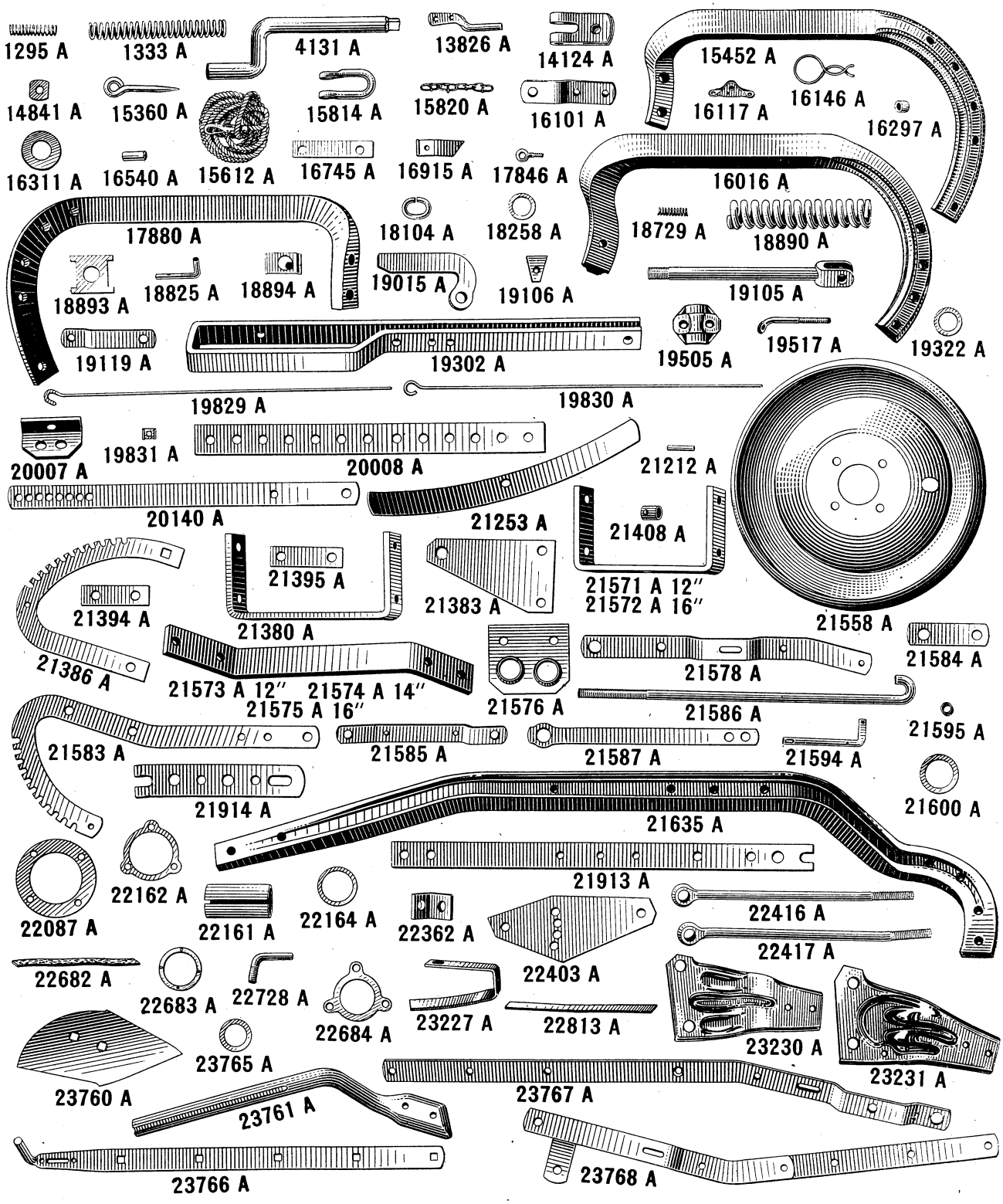
	Regular Furrow Wheel for No. 51 and No. 52 Plows	
JD1311	Wheel, 24" Diam., 4" Tire	1
22161 A	Wheel Box Steel Sleeve	1
22162 A	Paper Gasket under X246 A	2
22164 A	Felt Spacing Washer	1
22682 A	Felt Packing	2
22683 A	Steel Washer	1
22684 A	Paper Gasket—between X252 A and Hub	1
X246 A	End Cap	1
X247 A	Wheel Box Cast Sleeve	1
X252 A	Felt Retaining Cup	1
JD7759	1/8" Alemite Fitting in X246 A and X252 A	2

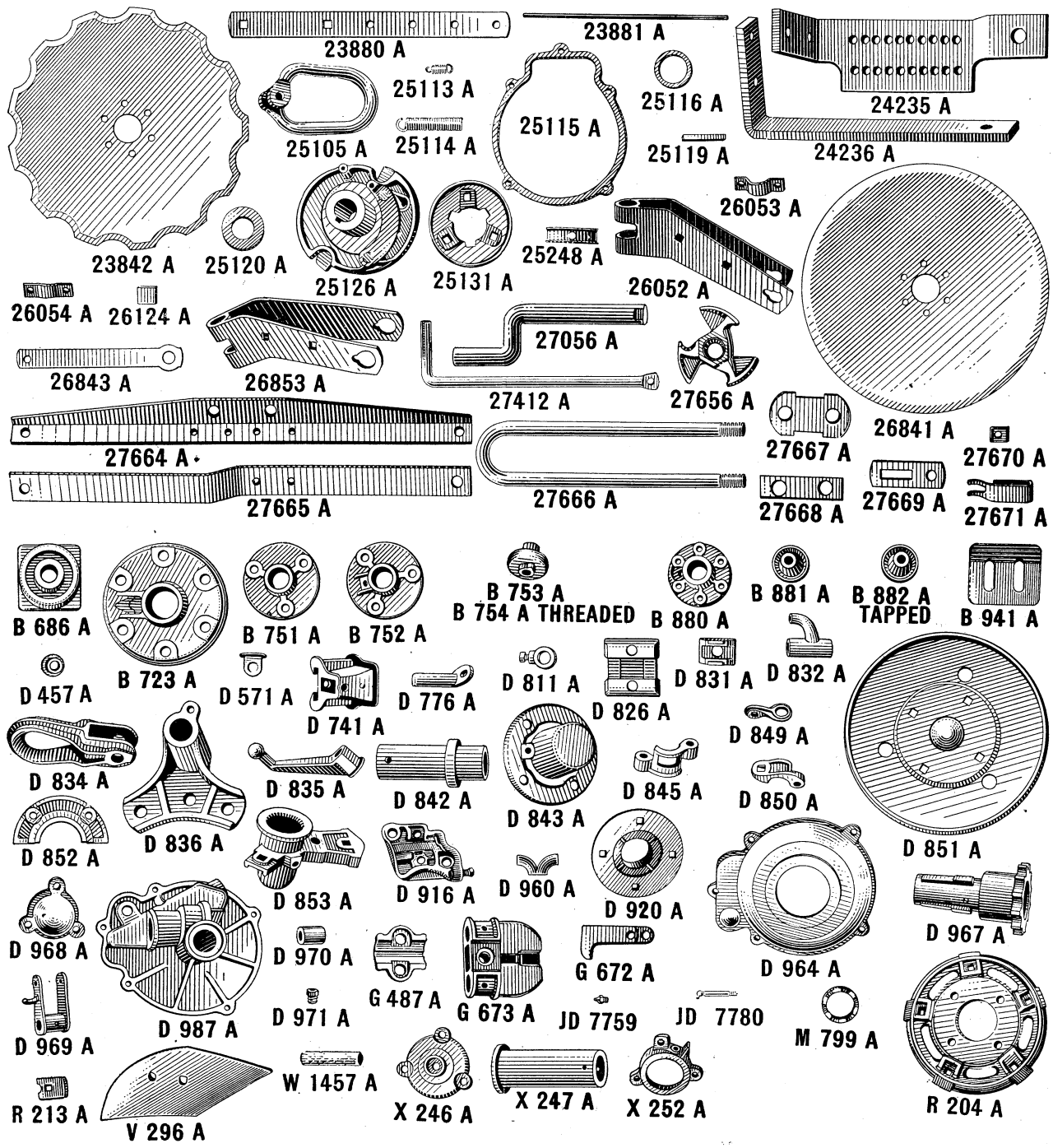
No. 51 TRACTOR PLOW—WITH ONE BOTTOM—16" or 18"
No. 52 TRACTOR PLOW—WITH TWO BOTTOMS—12", 14" or 16"

Part Number	DESCRIPTION	PIECES USED
	SPECIAL WHEELS FOR No. 52 PLOWS FOR RICE PLOWING	
	JD1300 Furrow Wheel—24" Diam.—5" Tire	
22161 A	Wheel Box Steel Sleeve	1
22162 A	Paper Gasket under End Cap	2
22164 A	Felt Spacing Washer	1
22682 A	Felt Packing	2
22683 A	Steel Washer	1
22684 A	Paper Gasket—between X252 A and Hub	1
X246 A	End Cap	1
X247 A	Wheel Box Cast Sleeve	1
X252 A	Retaining Ring for Felt Packing and Washer	1
JD7759	Alemite Fitting in X246 A Cap and X252 A	2
	JD1308 Land Wheel—24" Diam.—5" Tire **JD1310 Land Wheel—26" Diam.—8" Tire** } **As Ordered**	
JD2570	Cap	1
JD2578	Wheel Box	1
JD7759	Alemite Fitting in JD2570	1

Part Number	DESCRIPTION	PIECES USED No. 51 Plow		PIECES USED No. 52 Plow		
		16"	18"	12"	14"	16"
	S10656—15" Rolling Coulter					
18311 A	Blade	1	1	2	2	2
26052 A	Yoke	1	1	2	2	2
26053 A	Yoke Clamp	1	1	2	2	2
26054 A	Yoke Clamp Strap	1	1	2	2	2
B751 A	Hub (Plain)	1	1	2	2	2
B752 A	Hub (Tapped for JD7759)	1	1	2	2	2
B753 A	Hub Cone (Plain)	1	1	2	2	2
B754 A	Hub Cone (Tapped)	1	1	2	2	2
JD7759	Alemite Fitting in B752A	1	1	2	2	2
	S10714—17" Rolling Coulter					
26053 A	Yoke Clamp	1	1	2	2	2
26054 A	Yoke Clamp Strap	1	1	2	2	2
26841 A	Blade	1	1	2	2	2
26853 A	Yoke	1	1	2	2	2
B880 A	Hub	2	2	4	4	4
B881 A	Hub Cone (Plain)	1	1	2	2	2
B882 A	Hub Cone (Tapped)	1	1	2	2	2
JD7759	Alemite Fitting in B752A	2	2	4	4	4
	S10715—17" Notched Blade Rolling Coulter					
23842 A	Blade	1	1	2	2	2
26053 A	Yoke Clamp	1	1	2	2	2
26054 A	Yoke Clamp Strap	1	1	2	2	2
26853 A	Yoke	1	1	2	2	2
B880 A	Hub	2	2	4	4	4
B881 A	Hub Cone (Plain)	1	1	2	2	2
B882 A	Hub Cone (Tapped)	1	1	2	2	2
JD7759	Alemite Fitting in B752A	2	2	4	4	4
	Rolling Landside for Rice Plowing					
772 Axle	Axle	....	....	1	1	1
16311 A	Washer on Rolling Landside Axle—Inside of Sand Band	....	....	1	1	1
26843 A	Adjusting Strap	....	....	1	1	1
D836 A	Bracket	....	....	1	1	1
D845 A	Axle Adjusting Collar	....	....	2	2	2
D850 A	Adjusting Strap Collar	....	....	2	2	2
	Wheel for Rolling Landside for Rice Plowing					
21212 A	Pin in Sleeve	....	....	1	1	1
21558 A	Wheel—Pressed Steel—19" Diam.	....	....	1	1	1
21600 A	Washers on Sleeve	....	....	2	2	2
D842 A	Bearing Sleeve	....	....	1	1	1
D843 A	Wheel Box—Outside	....	....	1	1	1
D920 A	Wheel Box—Inside	....	....	1	1	1

Part Number	DESCRIPTION	PIECES USED No. 51 Plow		PIECES USED No. 52 Plow		
		16"	18"	12"	14"	16"
	No. S10364—30" Pea Vine Coulter					
19014 A	30" Blade	1	1	....	....	....
21253 A	Blade Guard	1	1	....	....	....
22362 A	Brace Bracket	2	2	....	....	....
22416 A	Brace, R. S.	1	1	....	....	....
22417 A	Brace, L. S.	1	1	....	....	....
24235 A	Bracket, R. S.	1	1	....	....	....
24236 A	Bracket, L. S.	1	1	....	....	....
B686 A	Cone for Hub	2	2	....	....	....
B723 A	Hubs	2	2	....	....	....
B941 A	Adjusting Block	1	1	....	....	....
JD7759	1/8" Alemite Fitting, in B723 A Hubs	2	2	....	....	....
No. 113	S.H.M. Bolt 1" x 9" with 3" thread—Blade Hub to Brackets	1	1	....	....	....
	Lever Extension					
19831 A	Clamps for Dog Rod	8	8	8	8	8
23880 A	Lever Extension	2	2	2	2	2
23881 A	Dog Rod	2	2	2	2	2
	O54 Independent Jointer—Steel					
23760 A	Blade	1	1	2	2	2
23761 A	Shank	1	1	2	2	2
	O57—Independent Jointer—Cast					
23761 A	Shank	1	1	2	2	2
V296 A	Blade	1	1	2	2	2
	JC12 Clasp					
16745 A	Clamp Strap	1	1	2	2	2
D916 A	Shank Clamp	1	1	2	2	2
G487 A	Shank Clamp Cap	1	1	2	2	2
	RW36 Land Wheel—Rubber Tire					
JD2570	Wheel Box Cap	1	1	1	1	1
JD2578	Wheel Box	1	1	1	1	1
JD7759	Alemite in JD2570	1	1	1	1	1
RW36	Wheel with 4:00-E-16" Drop Center Rim	1	1	1	1	1
	RW34 Furrow Wheel—Rubber Tire					
22161 A	Sleeve for Box	1	1	1	1	1
22162 A	Paper Gasket under X246 A	2	2	2	2	2
22164 A	Felt Spacing Washer	1	1	1	1	1
22682 A	Felt Packing	2	2	2	2	2
22683 A	Space Washer between Felt Strips	1	1	1	1	1
22684 A	Paper Gasket under X252 A	1	1	1	1	1
RW34	Wheel with 4:00-E-16" Drop Center Rim	1	1	1	1	1
JD7759	Alemite	2	2	2	2	2
X246 A	End Cap	1	1	1	1	1
X247 A	Sleeve	1	1	1	1	1
X252 A	Felt Retaining Cup	1	1	1	1	1
	RW4 Rear Wheel—Rubber Tire—For Rice Plowing					
.....	Tire 4.00 x 12-4 Imp. Tire } Not Furnished as Extra	....	....	1	1	1
.....	Tube } Not Furnished as Extra	....	....	1	1	1
.....	Rim 3.00-D-12 Drop Center } Not Furnished as Extra	....	....	1	1	1
21212 A	Pin in Sleeve	....	....	1	1	1
21600 A	Washer on Sleeve	....	....	3	3	3
D842 A	Bearing Sleeve	....	....	1	1	1
D843 A	Outside Wheel Box	....	....	1	1	1
D920 A	Inside Wheel Box	....	....	1	1	1
R204 A	Web	....	....	1	1	1
R213 A	Rim Clamp	....	....	5	5	5


1295 A
1333 A
4131 A
13826 A
14124 A
15452 A
14841 A
15360 A
15814 A
15820 A
16101 A
16117 A
16146 A
16297 A
16311 A
16540 A
15612 A
16745 A
16915 A
17846 A
16016 A
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19505 A
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20140 A
21253 A
21408 A
21571 A 12"
21572 A 16"
21558 A
21394 A
21395 A
21383 A
21380 A
21386 A
21573 A 12" 21574 A 14"
21575 A 16"
21576 A
21578 A
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D 776 A
D 811 A
D 826 A
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D 852 A
D 853 A
D 916 A
D 960 A
D 920 A
D 964 A
D 967 A
D 968 A
D 987 A
D 970 A
D 971 A
G 487 A
G 673 A
G 672 A
JD 7759
JD 7780
M 799 A
D 969 A
R 213 A
V 296 A
W 1457 A
X 246 A
X 247 A
X 252 A
R 204 A

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