New Idea

Operator's Manual

9200 Series

Single Frame

Pull-Type Planter

4-6-8 Row Narrow

4-6 Row Wide

Operator's Manual

NI-O-9200 PLT

OPERATOR'S MANUAL

NO. CP-108
(986857)

NEW IDEA

9200 Series Single Frame Pull-Type Planter

4-6-8 Row Narrow
4-6 Row Wide

EFFECTIVE LOT NO. PC26.....

For the Dealer and Operator

Read this operator's manual ● Save it for reference

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ATTENTION!

Pictures in this MANUAL may show protective shields and guards opened or removed for illustration purposes. BE CERTAIN ALL SHIELDS AND GUARDS ARE IN PLACE DURING OPERATION.

LUBRICATION

Pages 10 & 11 show the location of all lubrication points. Proper lubrication of all moving parts will help insure efficient operation of your planter and prolong the life of friction producing parts. Those parts equipped with grease fittings should be lubricated at the frequency indicated with an SAE multi-purpose lithium base grease. Be sure to clean the fitting thoroughly before using grease gun. The frequency of lubrication recommended is based on normal operating conditions. Severe or unusual conditions may require more frequent attention.

Sealed Bearings

A number of sealed bearings are used on your planter to provide trouble free operation. These are located in such areas as the drive shaft, row units, and transmission bearings. Sealed bearings are lubricated for life.

Drive Chains

The transmission and row unit drive chains should be lubricated approximately every 8-10 hours with a quality engine oil or equivalent SAE 10 weight oil. A good quality spray lubricant may also be used for periodic chain lubrication. Extreme operating conditions such as dirt, temperature, or speed may require more frequent lubrication. If any of the chains become stiff, it should be removed and soaked and washed in solvent to loosen and remove dirt from the joints. Then soak the chain in oil so the lubricant can penetrate between the rollers and bushings.

Corn Meter Lubrication

To provide efficient operation of the finger type plateless corn meters and extend the life of components, sprinkle a teaspoon of powdered graphite over the top of the seed filled hopper twice each day. The graphite will filter down into the seed pickup mechanism and insure lubrication.

9100 Planter Shown
9200 Similar

Figure 8

Figure 9

OPERATION

The following information is general in nature and was written to aid the operator in preparation of the tractor and planter for use, and to provide general operating procedures. The operator's experience, familiarity with the planter and the following information should combine for efficient planter operation and good working habits.

Initial Preparation of the Planter

Lubricate the planter and row units per the lubrication information in this manual. See pages 10 and 11. Make sure all tires have been properly inflated. See page 13. Check all drive chains for proper tension and lubrication.

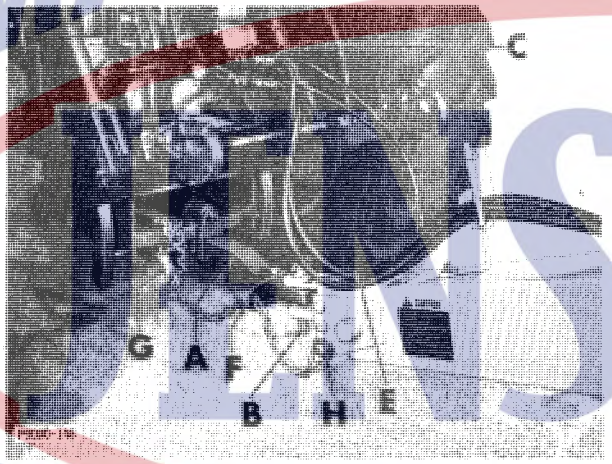

Figure 13

Figure 14

Tractor Preparation and Hookup

Figs. 13 & 14 -

1. Adjust the drawbar "A" so that the hitch pin hole is directly below the center line of the PTO shaft. Make sure the drawbar is in a stationary position.
2. Back tractor to planter and connect with a 1" (25 mm) dia. hitch pin at "B". Make sure hitch pin is secured with a pin clip or cotter pin.
3. Connect hydraulic hoses to tractor ports at "C" in a sequence which is both familiar and comfortable to the operator.

NOTE: Hydraulic hoses are supplied to reach the tractor. Fittings must be purchased to suit each particular tractor and fitted to the hoses. Connect the hydraulic hoses to the tractor making sure hoses are properly connected.

IMPORTANT: ALWAYS WIPE HOSE ENDS TO REMOVE ANY DIRT BEFORE CONNECTING COUPLERS TO TRACTOR PORTS.

4. Raise jack stand, remove and remount horizontally on storage bracket as shown at "D".

For proper operation of the planter, it is important that the unit operate level.

Unless the tractor drawbar is adjustable for height, the up and down level adjustment must be maintained by the position of the hitch clevis at "E". Three holes in the tongue hitch bracket allow the clevis to be raised or lowered as required.

NOTE: When installing bolts, make sure to use lockwashers. Torque bolts according to the chart found on page 49.

Always check fore and aft levelness with the planter lowered to proper operating depth. Then sight across tongue or place a bubble level on the tongue and frame itself.

NOTE: Parallel arms "K" (Fig. 15) must also be level for proper row unit operation.

In order to maintain lateral levelness, it is important that tire pressure be maintained at pressures specified. See Page 13.

"Optional" safety chain — Attach clevis "F" to the drawbar using the bolt furnished. Place safety chain "G" around the tractor frame and fasten in place with fastener as shown. Then insert chain through the clevis "F". Attach chain to hitch at "H" using the hitch bolt with flat washer. Tighten bolt according to the chart found on Page 49.

NOTE: Keep chain adjusted to the point where most all slack is removed yet allow enough for turning.

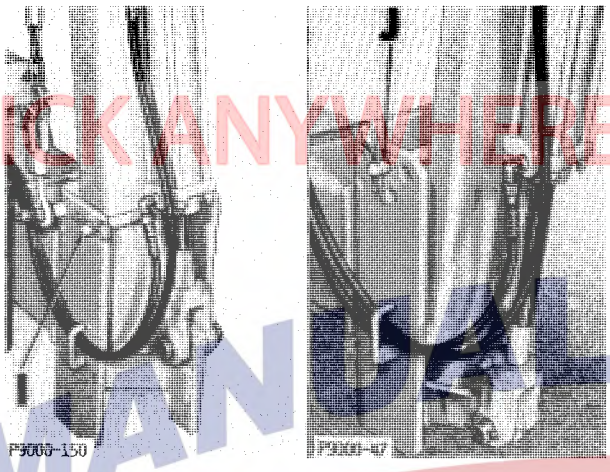

Figure 17

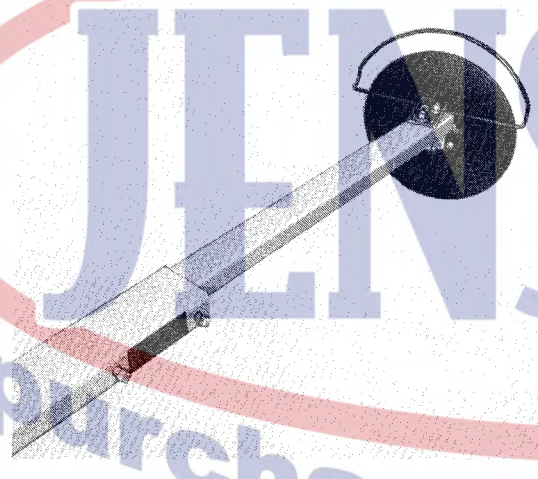

Figure 18

Figure 19

Row Markers

Figs. 17, 18 & 19 -

WARNING: Always stand clear of the marker assembly area when in operation.

Remove safety lock pin "I" (both sides) prior to marker operation. Store pin in hole on back side of marker at "J" (both sides) during field operation.

Marker Sequencing Valve

The sequence valve alternately lowers the markers each time the planter is lowered. To cycle automatic lowering of marker, lower, then completely raise planter. Lower planter and opposite marker will lower.

To lower both markers, lower one marker to ground then partially raise planter. When first marker begins to raise, lower planter and both markers will lower.

With the optional Dual Circuit System only the marker circuit needs to be operated to sequence the markers.

WARNING: Always position marker safety lock pin in marker locked position shown at "I" (both sides) prior to transporting or storage.

NOTE: See Page 60 for marker adjustment.

Tractor Speed

Depending upon seed population being planted and sprocket combinations, ground speeds may range from 2 to 7 miles per hour. However, optimum speed for most conditions to 5 to 5.5 MPH. Seed population may increase at higher planting speed, particularly at higher population rate settings.