

Model "K" Spreader



OPERATORS MANUAL

Model "K"
Spreader

OMC19651 F1 English

OMC19651 F1

LITHO IN U.S.A.
ENGLISH



TO THE PURCHASER

The successful operation of your Spreader, which is designed to give you many years of satisfactory service, depends upon how it is cared for, and how it is operated.

The Operation and Service Sections of this Manual have been prepared to assist the operator in servicing and adjusting the Spreader.

Correct tire pressure and proper lubrication are both important.

It will be worth your while to read this Manual carefully and see that your operators follow the instructions. Ten minutes now may save you hours later on. If you find that you need information not covered in this manual, or when in need of parts, go to your John Deere dealer.

Before ordering parts, first check your Operator's Manual and make sure you have the correct part number. Then give this number to the dealer, with a complete description of the part, the name of your Spreader, and the year purchased. Before you forget, fill in the information at the bottom of this page.

LOCATION REFERENCE

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

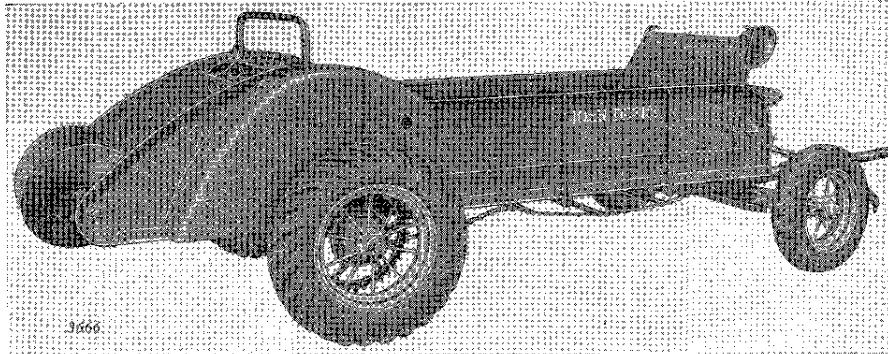
IDENTIFICATION

Write Series Number of your Spreader here

This Series Number is embossed on the front hood sheet.

Date Purchased

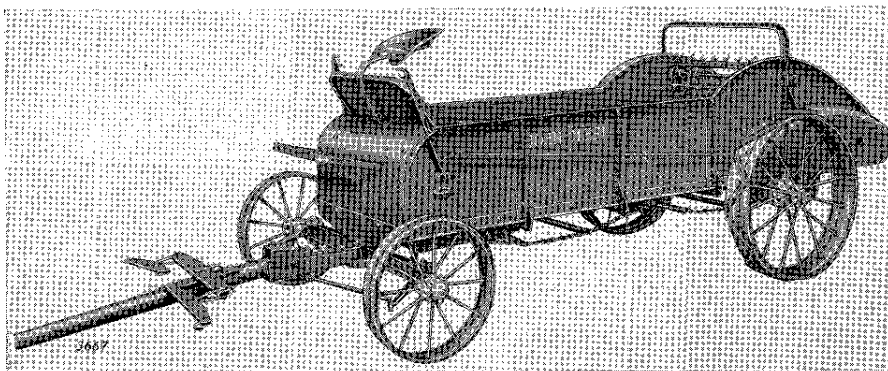
(Detail Design Subject to Change Without Notice)



Right Side of Spreader

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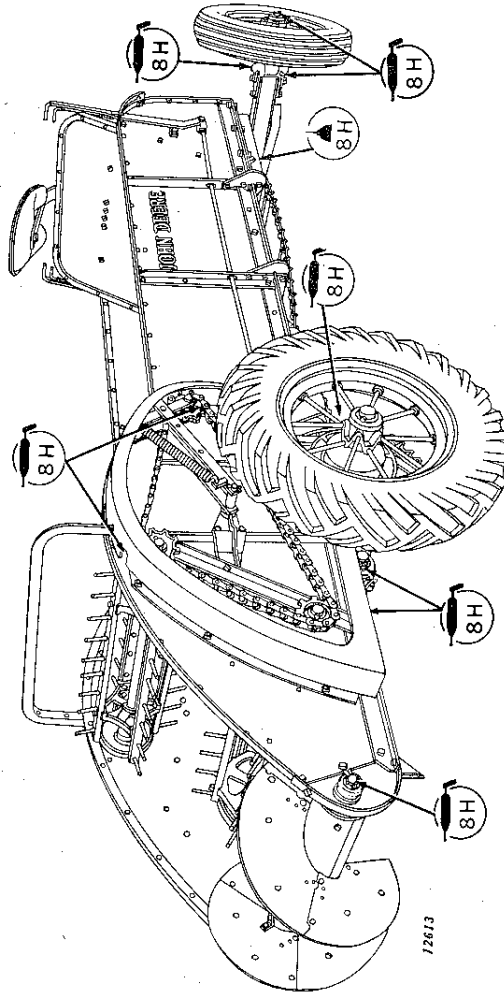
Left Side of Spreader

LUBRICATION


When a Lime Spread Attachment is being used, grease all bearings oftener than you would when spreading manure. This will also keep the lime from getting into the bearings.


There are 20 grease fittings. Form the habit of counting them so as not to overlook any bearings. If any grease fittings are missing, replace immediately. Clean the fittings thoroughly before using grease gun.

Use oil on all chains. The main drive chain is a high-grade chain; it should be cleaned occasionally before oiling.



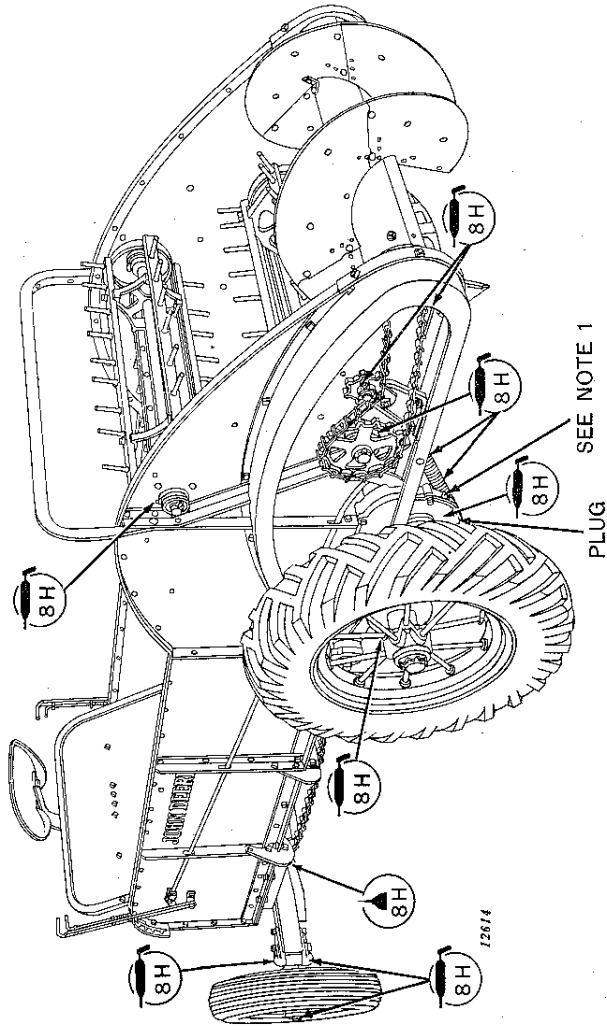
SYMBOLS

 Grease every 8 hours of operation.

 Oil every 8 hours of operation.

NOTE: When in continuous use with manure loader, grease and oil every four hours of operation.

(Guard has been cut out to show inner parts)



(Guard has been cut out to show inner parts)

NOTE No. 1—Do not put more than one-half pint oil in gear case. Check oil level occasionally at the lower plug and add oil as needed. Use S.A.E. 20 oil for winter season and S.A.E. 40 oil in summer.

OPERATION

Hitch your team to the empty spreader to limber it up and see that it is working properly before loading.

Always be sure that the feed lever is in neutral position when you start to load. In freezing weather, before loading, make sure that the apron is not frozen to the bed.

It is easier on your spreader if you start loading at the front end. Never load higher than the gauge bar. Heavy manure and soft ground will, naturally, effect the draft.

If you will turn the beaters over by hand before starting to the field, the spreader will start easier and will prevent throwing out a large bunch of manure when starting.

Always stop the spreader before throwing the beaters in gear.

After the beaters have started, throw the feed lever into the notch in which you wish to spread. If an endgate is used, be sure to raise it before starting to spread.

When making a turn, while spreading, put the feed lever in neutral.

To prevent excessive driving to unload the last part of the load, you can stop the beaters and leave the feed engaged until the spreader is empty.

When using lime spread attachment, load only about one ton of lime at a time, or up to the gauge line painted on the beater cover. Regulate the quantity spread by the feed lever the same as you would for manure.

When using the endgate attachment, be sure the feed lever is in neutral before lowering endgate. Also, be sure to raise endgate before moving feed lever when you start unloading.

When not in use the spreader should be sheltered.

SERVICING

After spreading about 10 loads, adjust the chain tighteners on chain driving the widespread and the apron chains. See Figure 1.

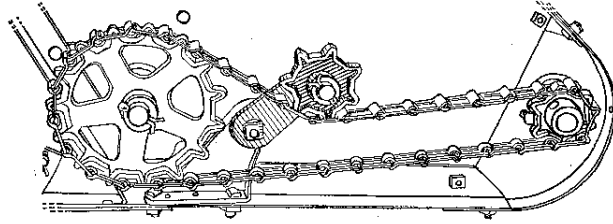


Figure 1

The conveyer chain may be tightened by loosening the two nuts holding the front sprocket brackets and pushing the bracket forward. It is not necessary for this chain to be tight. See Figure 2.

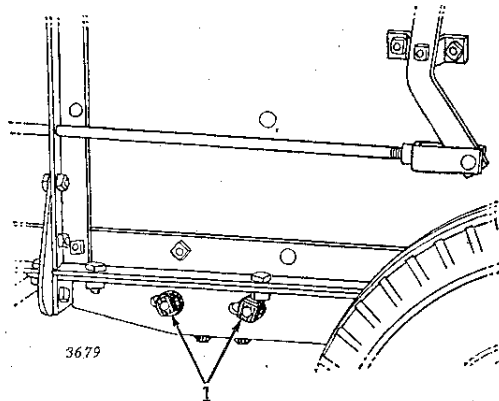


Figure 2

After using the spreader continuously for some time, end play may develop in the rear axle, which may throw the main drive sprocket out of line with the drive chain. This can be corrected by the use of 3849 SC washers on the rear axle, placed as needed, to insure proper alignment.

When end play in the upper beater becomes too much for the adjustable washers to take up, put 24H284 C steel washers next to bearings.

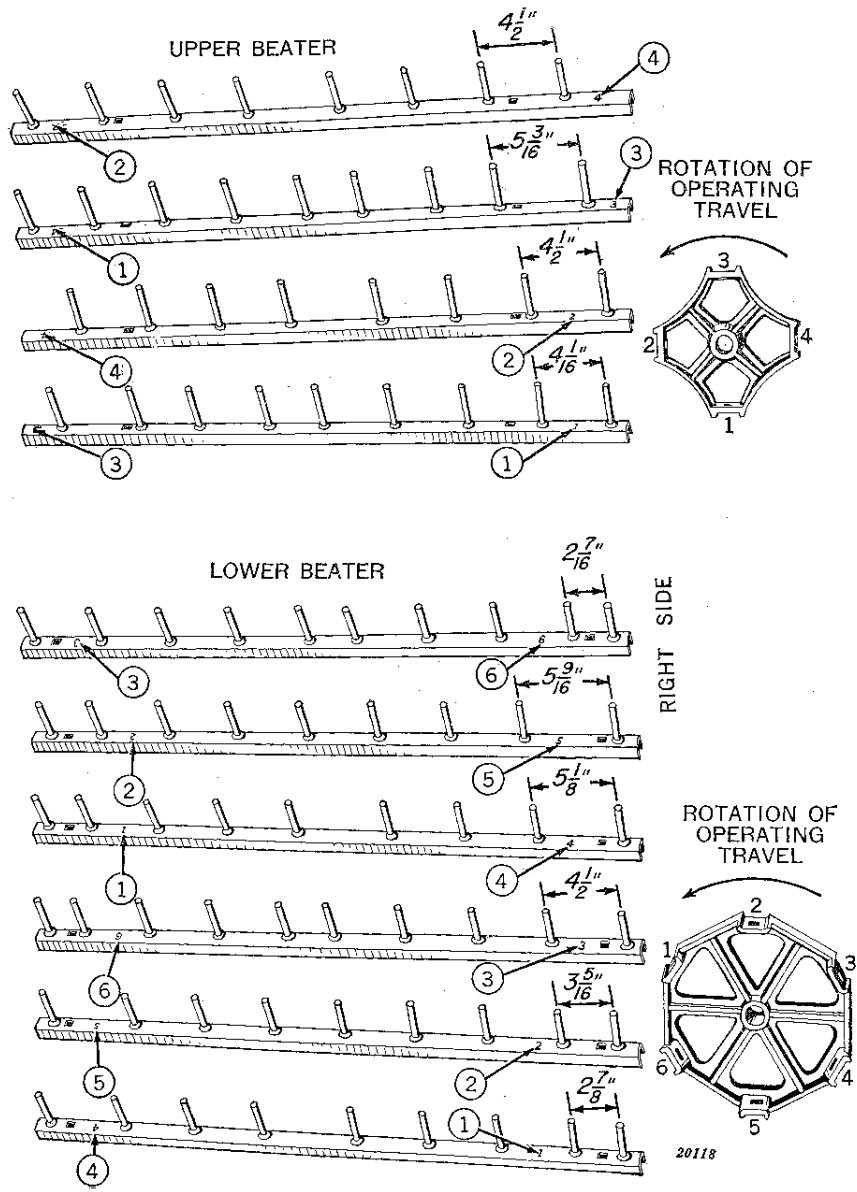


Figure 3

When it is necessary to replace the bars in the upper and lower beaters, they should be replaced in the rotation shown in Figure 3, so as to retain their spiral action.

All bars have two sets of numbers stamped on them and should be bolted to the beater heads starting with No. 1 bar to the right side, and following with Nos. 2, 3, 4, 5, and 6 on the lower beater, and Nos. 1, 2, 3, and 4 on the upper beater.

SETTING-UP INSTRUCTIONS

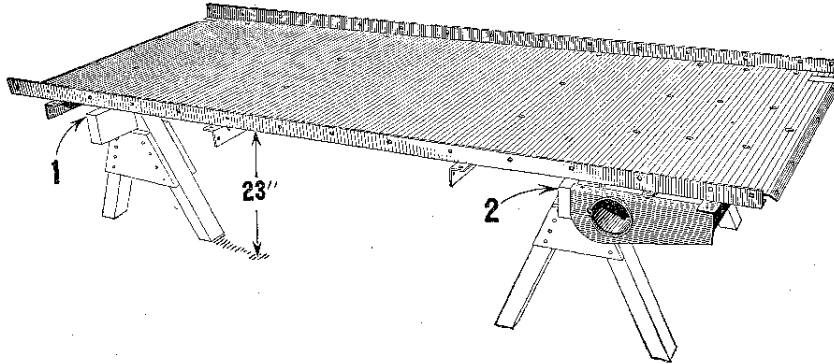


Figure 4

1. Unpack the bed bundle and place on a sawhorse 23 inches high about 7 inches behind the front angle girt.
2. Place the rear sawhorse just in front of the axle housing on the underside of bed. Empty the carton of hardware on the bed, also all bolts used in packing, and group the different sizes.

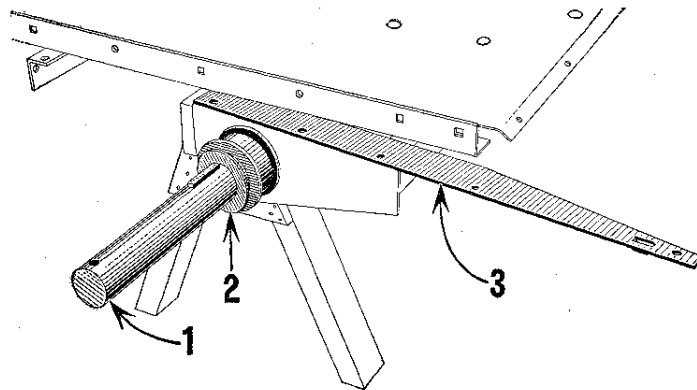


Figure 5

1. Remove all the parts from the axle and put it through the axle housing.
2. Replace both bearings. No. 4360 SC goes on the right side. Put on the steel washers, then the half-moon keys. Put a straight grease fitting in both bearings.
3. Remove filler strips and insert between the bed and axle housing. Be sure to have the straight edge to the outside.

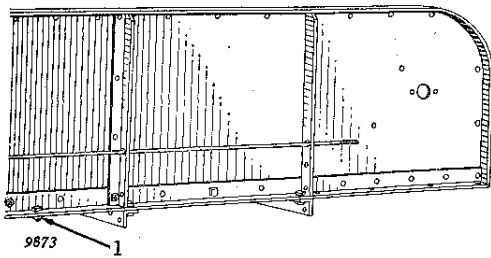


Figure 6

1. Put on the right side. Bolt loosely.

2. Bolt on brace plates (loosely). Be careful to bolt them to the **wide side** of angles as shown by shaded parts in Figure 7.

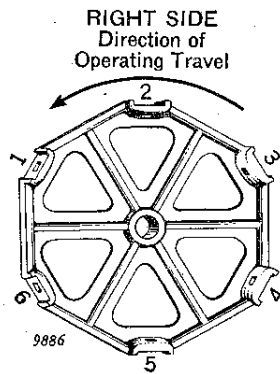


Figure 8

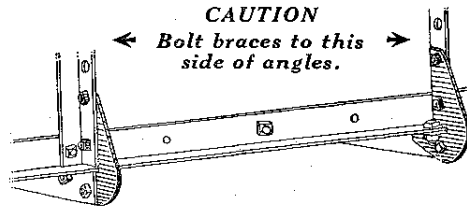


Figure 7

Braces are made to fit tight and furnish support to spreader sides. Do not file holes for easier assembly.

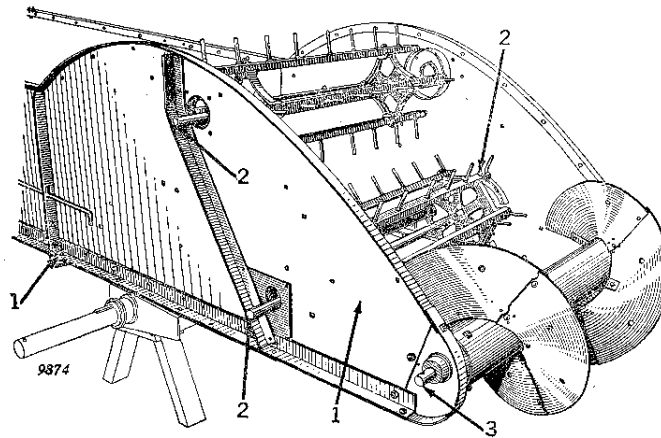


Figure 9

1. Put up the left side and insert only a 1/2" machine bolt through the bed angle to hold the side in position.

2. Bolt on beater bars, numbered 2 and 5, as shown in Figure 8. Place the lower beater in position (the keyseat nearer the end of shaft must be on the **right** side). Then put in the upper beater. Also note page 6.

3. Remove from the spiral beater, only the sprocket and cotter key from the left side bearing, then put the beater in position.

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