

Nos. 24 and 26 Fertilizer Attachment (for No. 88 Cultivator)



OPERATORS MANUAL Nos. 24 and 26 Fertilizer Attachment (for No. 88 Cultivator)

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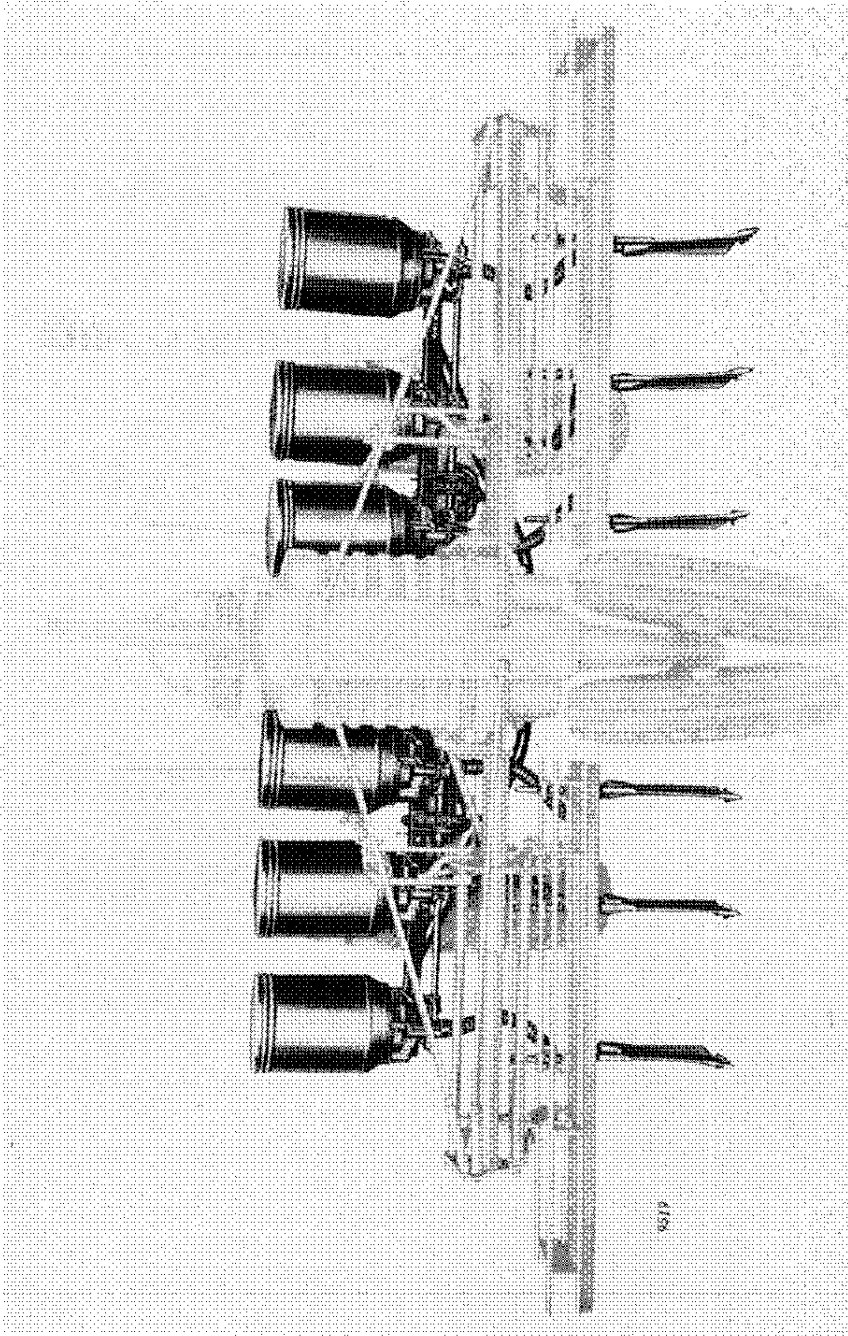


Figure 1 - John Deere No. 26 Six-Row Integral Fertilizer Attachment

GENERAL INSTRUCTIONS

IMPORTANT: Study all illustrations carefully when setting up a John Deere No. 24 or 26 Fertilizer Attachment. Grease or oil all bearings and working parts as you proceed and see that they all work freely.

Terms "Right" and "Left," "Front" and "Rear," refer to the operator's Right and Left, Front and Rear, when facing in the direction the machine travels.

Set the rear wheels of the tractor to run approximately in the center of the space between two rows. Thus, for 20-inch rows set the wheels 80 inches apart.

Remember, most trouble with new machines comes from improper setting and lack of lubrication. Read all instructions carefully and follow the steps outlined in this manual. Care in setting up your fertilizer attachment will provide longer wear and more efficient operation.

DO NOT allow fertilizer attachment to stand for long periods of time with the fertilizer in the hoppers. This allows the fertilizer to settle or absorb moisture and pack in the bottom of the hopper causing the mechanism to clog. This will, of course, cut down the efficient operation of the machine.

SETTING-UP INSTRUCTIONS

Remove depth adjusting lever A, Figure 2, from the rear axle and attach right-hand jackshaft drive assembly as shown.

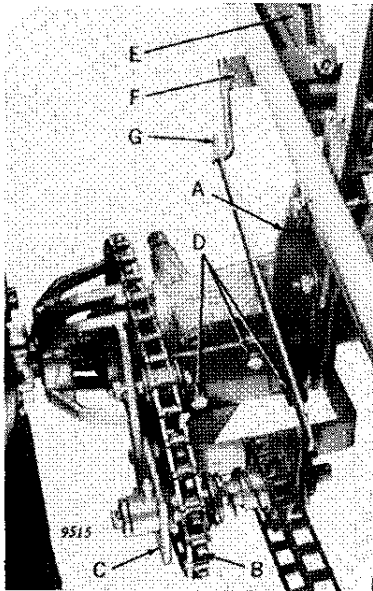


Figure 2

When assembling the attachment on a John Deere Model "A" or "B" tractor assemble jackshaft driven sprocket B on the inside of bracket C with shorter end of hub nearest the bracket. Place bearing between sprocket and bracket with long section of bearing away from sprocket and running through bracket C with grease fitting outside of bracket as shown in Figure 2.

When assembling the attachment on a John Deere Model ANH or BNH tractor place the driven sprocket A, Figure 3, on the outside of the bracket as shown.

Secure the jackshaft drive assembly to the front of the rear axle of the tractor with three bolts D, Figure 2.

Replace depth adjusting lever A, Figure 2, and tighten all bolts.

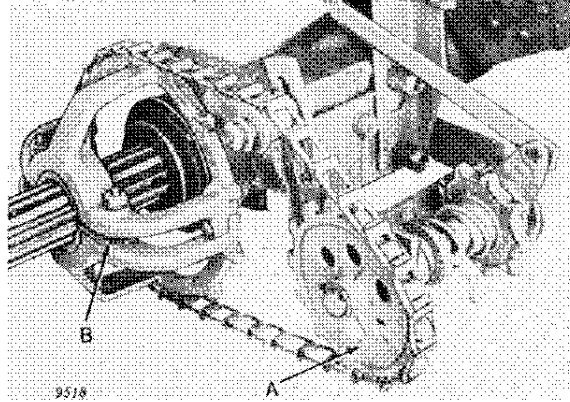


Figure 3

Attach the drive sprocket Figure 3, on rear wheel axle, inside the wheel, and align with the driven sprocket. Use thin shims (#25293-A) when assembling the drive sprocket on Model "A" Tractors and use thick shims (#23664-A) when assembling on a Model "B" Tractor.

Lock strap B, Figure 3, fits into the splined axle and prevents the sprocket from turning on the axle. When attaching lock strap, push it down into bottom of spline and rotate sprocket backward until a snug fit is obtained. There are two holes in this lock strap. Use the short end when attaching to a Model "A" tractor and the long end is used with the John Deere Model "B" tractor. Leave bolts slightly loose until chains are installed and "lined-up", then tighten all bolts thoroughly. Wheels do not have to be removed to install this sprocket.

Attach power lift arm "E", Figure 2, to power lift shaft so that power lift arm cap is to the front of the tractor.

Attach throwout arm "F", Figure 2, to power lift arm cap with upper bolt of cap.

Fasten throwout link G, Figure 2, using the hole in the end of link when assembling the fertilizer attachment on a Model "A" Tractor. Use the second hole from the end of the link when assembling on a Model "B" Tractor.

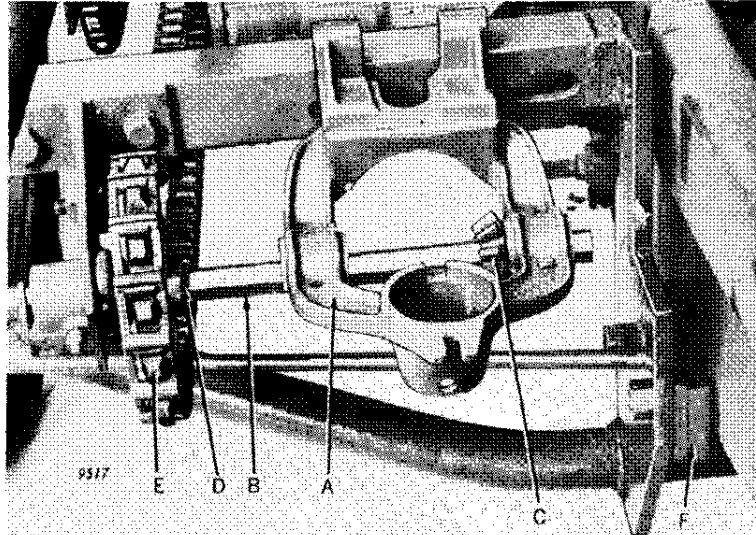


FIGURE 4

When setting up 24 or 26 Fertilizer Attachment on a Model "B" tractor, use all four spacers, two on each tractor frame shown as F, Figure 4. When setting up on Model A, no spacers are required.

Attach hopper bottom brackets "A" to frame angle using holes and slots as necessary for proper spacing.

Insert hopper drive shaft "B" through hopper bottom brackets with end of shaft closest to holes first. Assemble hopper drive gears "C" onto hopper drive shaft so that hoppers on left-hand and right-hand side of machine will be driven from the left side of hopper.

On right-hand side of machine locate holes 2 and 3, of hopper drive shaft, straddling chain tightener arm. On left-hand side of machine have holes 1 and 2 in hopper drive shaft straddling chain tightener arm. Insert cotter pins "D" in these holes.

Assemble hopper driven sprocket "E" to hopper drive shaft inside of chain tightener arm. Short hub of sprocket must be toward arm. Hopper drive shaft bearing must be assembled with zerk fitting on outside of chain tightener arm.

Attach hopper drive chain to hopper drive shaft driven sprocket and to jackshaft drive sprocket. Install chain idler and roller on top of hopper drive chain and take up slack in chain.

Next attach hopper to hopper bottom bracket by tipping hopper forward and fitting rivet, in bottom of hopper, into hooks of bracket and moving hopper to upright position. Secure with bolt and wing nut on hopper.

Assemble openers to cultivator tool bar and attach spouts.

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