



CLICK ANYWHERE FOR MORE DETAILS

International Harvester

Operator's Manual
for McCORMICK-DEERING

**Double Run
Feed Grain Drills**

JENSALES.COM
or Call 800-443-0625

JENSALES

CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
INTERNATIONAL HARVESTER OR IT'S SUCCESSORS. INTERNATIONAL HARVESTER AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

IH-O-FEED DLL

Operator's Manual

PRESERVE THIS BOOK

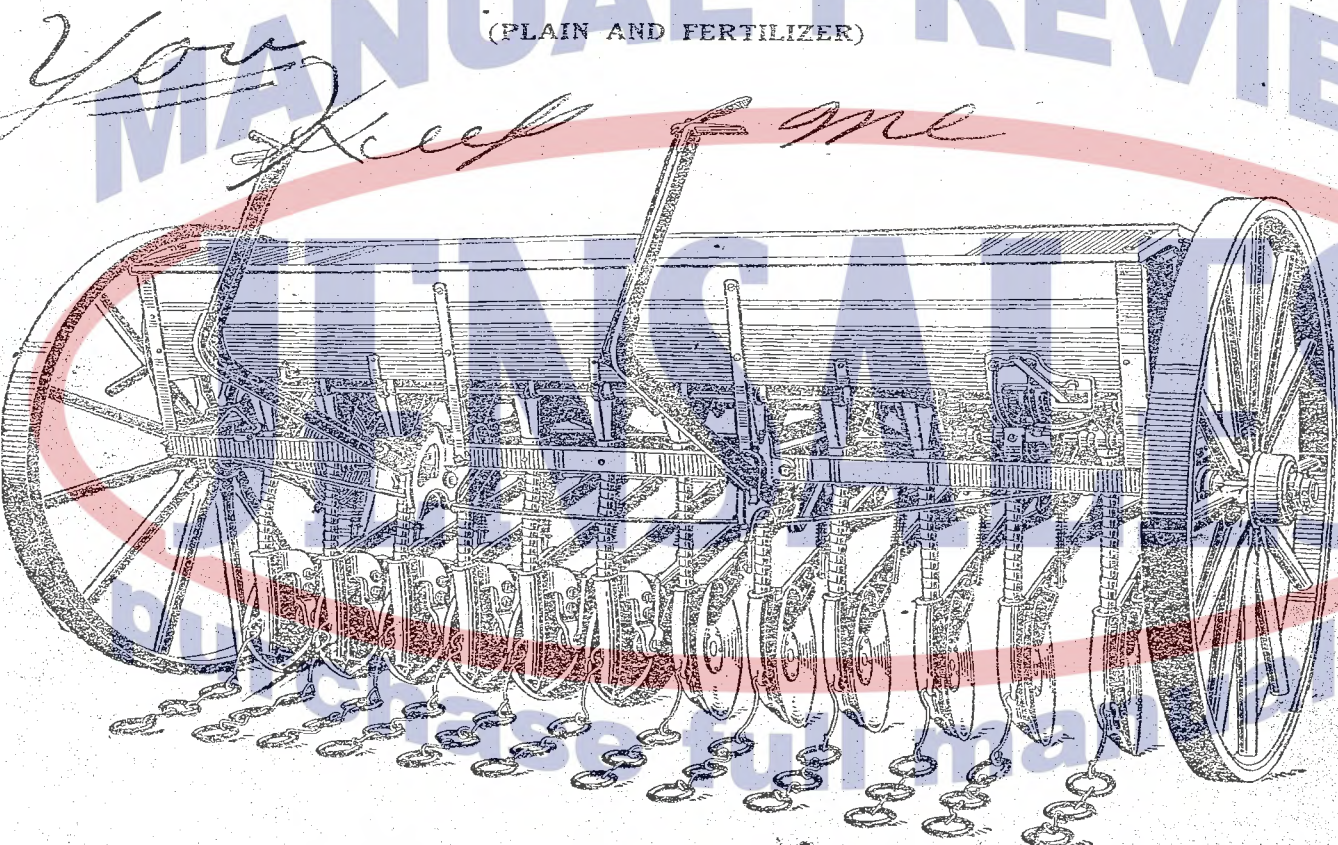
INSTRUCTIONS

FOR SETTING UP AND OPERATING THE

McCORMICK-DEERING

DOUBLE-RUN FEED GRAIN DRILLS

(PLAIN AND FERTILIZER)



Rear view—12 x 7 Single Disk Grain Drill.

JENSALES.COM

WITH LIST AND ILLUSTRATIONS OF REPAIR PARTS

or Call 800-443-0625

(REFER TO INDEX ON PAGE 37)

MANUFACTURED BY

INTERNATIONAL HARVESTER COMPANY

(INCORPORATED)

606 SO. MICHIGAN AVE.,

CHICAGO, U.S.A.

CLICK ANYWHERE FOR MORE DETAILS

SPECIFICATIONS

SIZE OF DRILL	PLAIN HOE			FERTILIZER HOE			PLAIN DISK OR SHOE			FERTILIZER DISK OR SHOE		
	Axles	Hand Lift Levers	Power Lift Devices	Axles	Hand Lift Levers	Power Lift Devices	Axles	Hand Lift Levers	Power Lift Devices	Axles	Hand Lift Levers	Power Lift Devices
12 x 6	1	2	1				1	2	1			
14 x 6	2	2	2				2	2	2			
16 x 6	2	2	2				2	2	2			
18 x 6	2	2	2				2	2	2			
20 x 6	2	2	2				2	2	2			
22 x 6							2	2	2			
24 x 6							2	2	2			
9 x 7				1	1	1				1	1	1
10 x 7	1	1	1	1	1	1	1	1	1	1	1	1
11 x 7	1	1	1	1	1	1	1	1	1	1	1	1
12 x 7	1	2	1	1	2	1	1	2	1	1	2	1
13 x 7				1	2	1				1	2	1
14 x 7	2	2	2				2	2	2			
16 x 7	2	2	2	2	2	2	2	2	2	2	2	2
18 x 7	2	2	2				2	2	2			
6 x 8				1	1					1	1	
8 x 8	1	1		1	1		1	1		1	1	
9 x 8				1	1	1				1	1	1
10 x 8				1	1	1				1	1	1
12 x 8	1	2	1				1	2	1			
16 x 8	2	2	2				2	2	2			

STANDARD EQUIPMENT

- Lift Levers.** ... One-piece lever on plain drills; two-piece lever on fertilizer drills except one-piece lever on 16 x 7 size.
- Feed Rods.** ... One-piece plain drills. 11 and smaller sizes.
Two-piece plain drills. 12 and larger sizes.
One-piece fertilizer drills. 13 and smaller sizes.
Two-piece fertilizer drills. 16 x 7 only.
- Hitches.** ... Two-horse, 1 pole. 11 and smaller sizes.
Three-horse, 1 pole. 12 sizes, and 13 x 7.
Three-horse, 2 poles. 14 x 7 only.
Four-horse, 2 poles. 16, 18, 20 and 22 sizes.
Six-horse, 2 poles. 24 size only.
- Wheels—Wood** 48-inch, ratchet hub. 13 and smaller sizes.
48-inch, lynch pin hub. 14 and larger sizes.
Three-inch tire. 16 and smaller sizes except 16 x 7 Fertilizer.
Four-inch tire. 18 and larger sizes, and 16 x 7 Fertilizer.
- Poles.** ... One-pole on 12 and smaller sizes, also on 13 x 7 and 14 x 6; two-pole on 14 x 7 and larger sizes.
- Seats.** ... Regular on all plain drills; extra for all fertilizer drills.

For special attachments, see index on page 87.

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

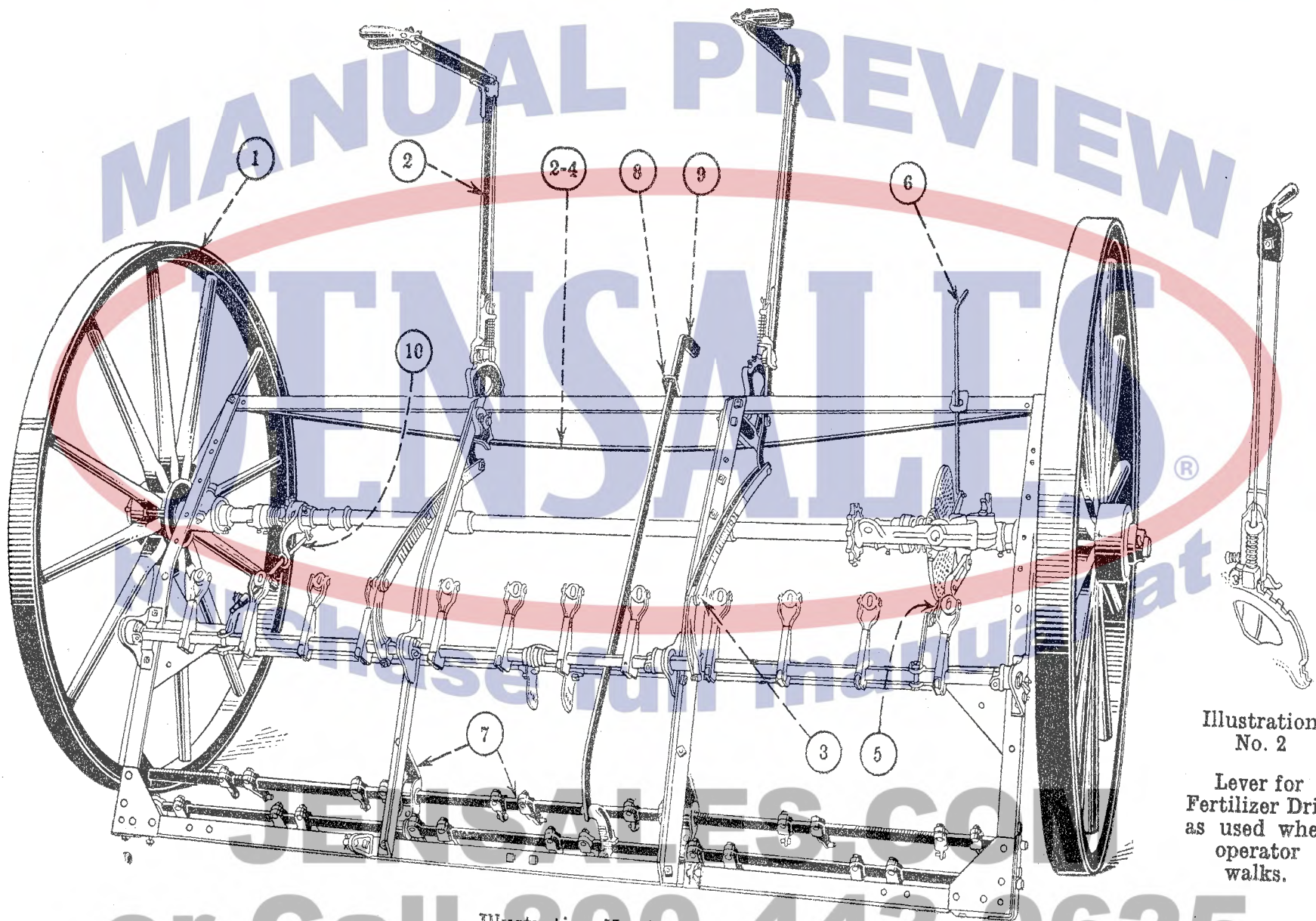


Illustration
No. 2

Lever for
Fertilizer Drill
as used when
operator
walks.

Illustration No. 1
12 x 7 Fertilizer Hoe Drill.
Frame, Wheels, Levers, Zigzag Bars, Etc.

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

 If drill is to be equipped with Grass Seed Attachment, place driving parts for grass seeder on axle before putting on ground wheels. (See pages 24 and 25.)

 If drill is equipped with Power Lift Attachment, same should be installed at this time. (See pages 40, 41 42 and 43.)

(See illustration No. 1.)

1. Prop up frame; assemble wheels; **be sure steel washers are in place on axle.**

(See illustration No. 2A.)

If ratchet drive (one-piece axle), put hub caps in place so axle will turn with the wheels.

(See illustration No. 2B.)

Two-piece axles use linch pin hubs and require no hub caps with pawls.

Put pins in ends of axle and secure with cotters.

2. Remove right end of truss rod; attach lift lever and ratchet.

(See illustration No. 2C.)

On fertilizer drill, use long, bent lever to operate from the seat. **Change to short, straight lever when operator walks.**

(See illustration No. 2.)

3. Connect lever links to lever arm with pin.

4. Replace truss rod and tighten only enough to make frame level and rigid.

(See illustration No. 2C.)

5. Connect slotted link to cam on axle and to arm on pressure arm shaft, with notched side upward.

6. Attach hand gear lever.

7. Put on hoe zigzag bars, complete. (This can be done more easily by turning the frame upside down.)

8. Turn guide for hoe shifter lever to upright position.

9. Attach hoe shifter lever.

10. Connect gear rod for fertilizer drive to arm on pressure arm shaft.

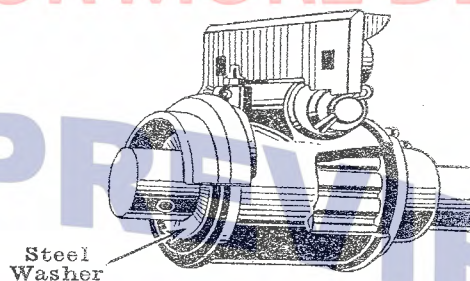


Illustration No. 2A

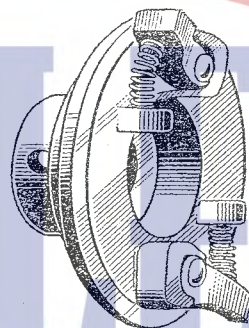


Illustration No. 2B

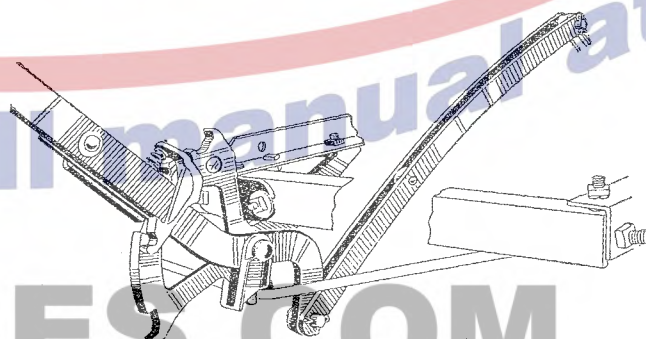


Illustration No. 2C—Rear view.

HOE, DISK, AND SHOE DRILLS (Fertilizer and Plain)

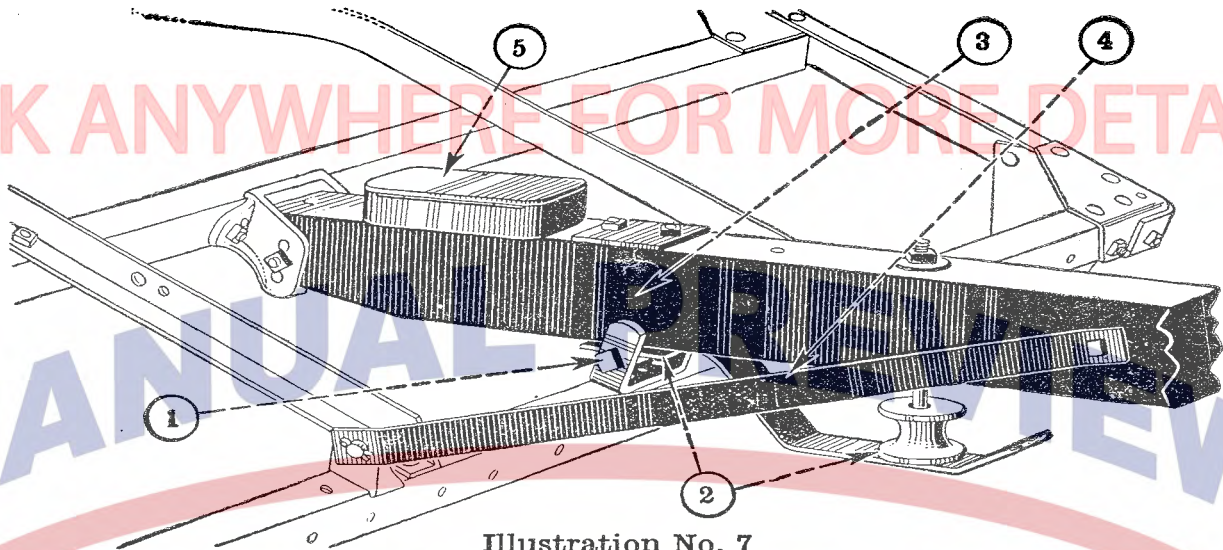


Illustration No. 7

1. Attach pole support to frame.
2. Attach pivot plate, spacer bracket and spacer.
3. Attach pole. (See page 46 for pole adjustment.)
4. Attach pole braces.
5. Attach tool box to pole.
6. To attach pulley hitch where pulley bracket is directly under pole see illustration No. 7A.
7. To attach pulley hitch where pulley bracket is located between pole and end of frame see illustration No. 7B. (For some sizes the brace is reversed, as indicated by dotted lines.)

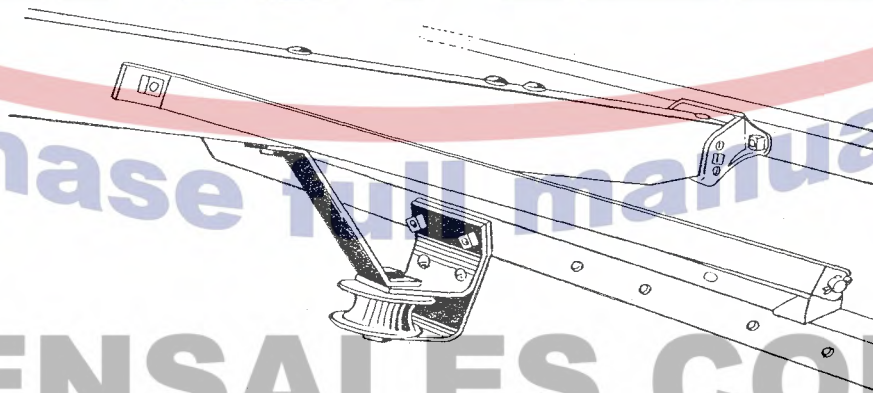


Illustration No. 7A—Pulley hitch brackets directly under pole.

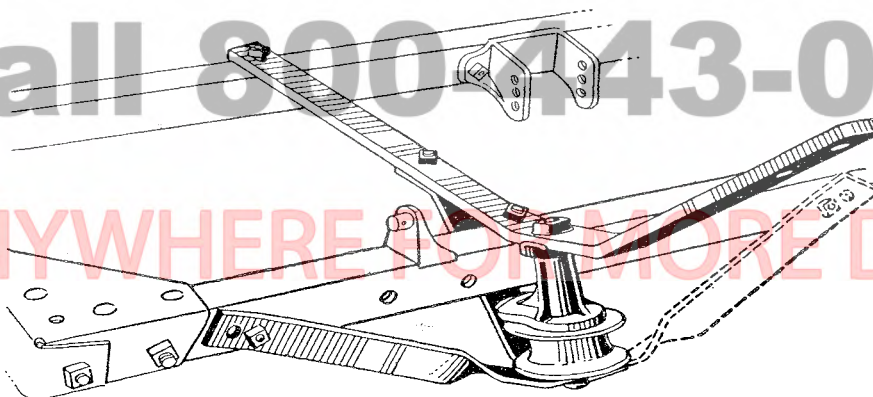


Illustration No. 7B—Pulley hitch brackets outside of pole.

FERTILIZER DRILLS.

(See illustration No. 8)

1. Set hopper in place and, before bolting to frame, put on fertilizer drive chain (24 links, No. 51) as shown in illustration No. 8C. Bolt heads to frame securely.

2. Attach hopper and frame braces.

3-4. Attach fertilizer indicator rack and lever.

(See illustration No. 8A.)

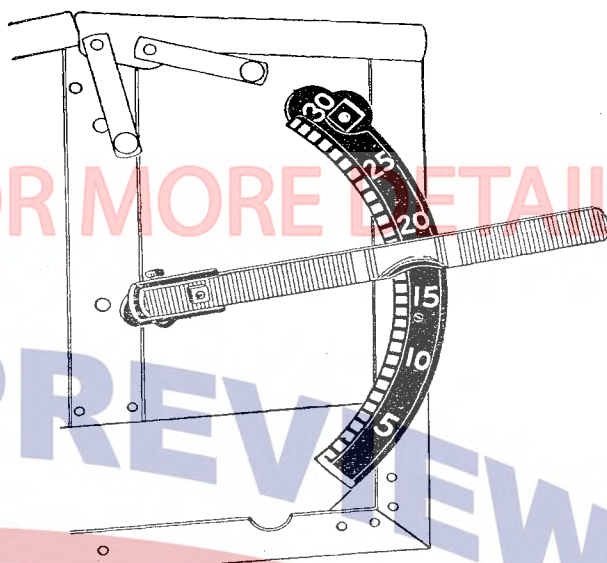


Illustration No. 8A. Fertilizer indicator rack and lever.

5. Insert adjusting rod into hanger on feed shaft and secure with set screw. Remove one nut from adjusting rod, raise grain gear yoke, complete and insert adjusting rod through hole in yoke; put on drive chain.

(See detail illustration No. 8B.)

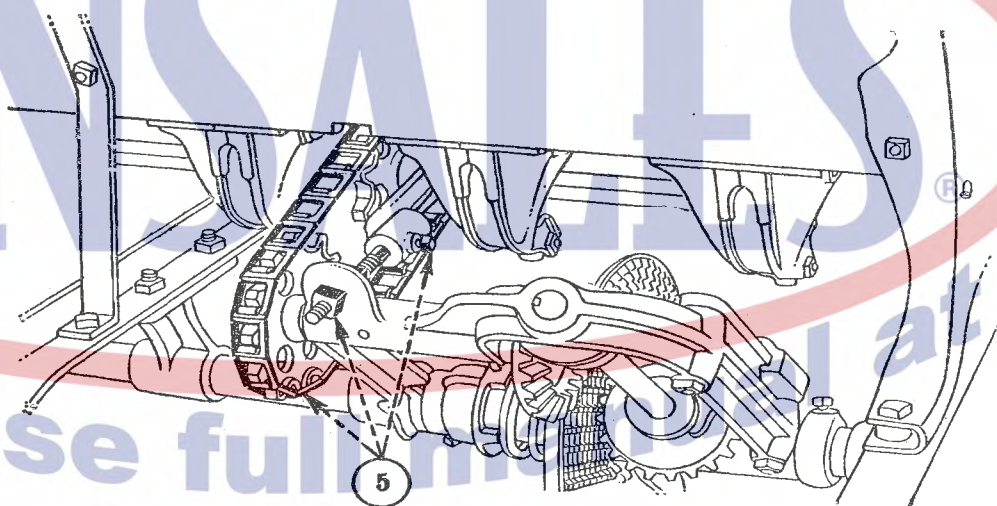


Illustration No. 8B. Grain gear yoke, drive chain, etc. (Front view.)

 The hooks on chain links must point forward in the direction of travel, and curved back of hooks must be next to sprocket rim.

Adjust the nuts on rod to take up slack in chain.

6. Attach grain tubes, complete to feed cups; secure with cotters.

7. Hook fertilizer speed lever over swivel ring on fertilizer countershaft.

8. Place keep-plate over fertilizer speed lever and attach to hopper with two bolts and one wood screw.

 Be sure both gears on countershaft are between lugs of plate.