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International Harvester

Operator's Manual
for **McCORMICK-DEERING**

**200 Ground Drive
Manure Spreader**

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or Call 800-443-0625



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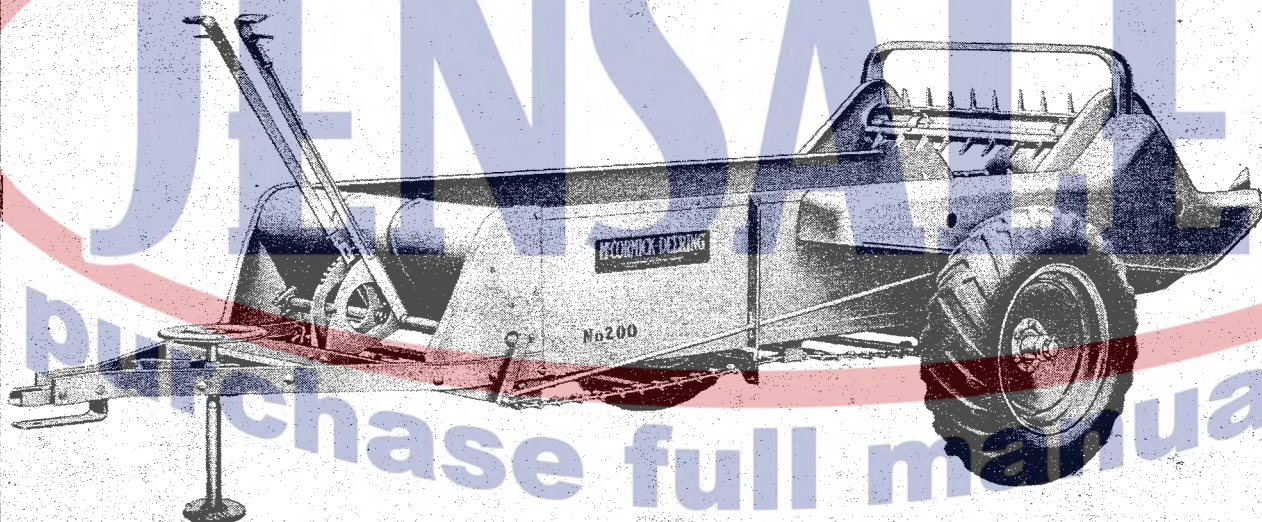
IH-O-200 MS

Operator's Manual

Instruction Manual and Parts List

Setting Up and Operating McCormick-Deering Tractor Manure Spreader

No. 200



(Lifting Jack is Extra Equipment.)

This manual contains information which will be valuable to you during the entire life of your equipment. Rely on your manual for operating and maintenance information . . . and rely on your International Harvester dealer when in need of skilled mechanical service or genuine IHC service parts.

INTERNATIONAL HARVESTER COMPANY

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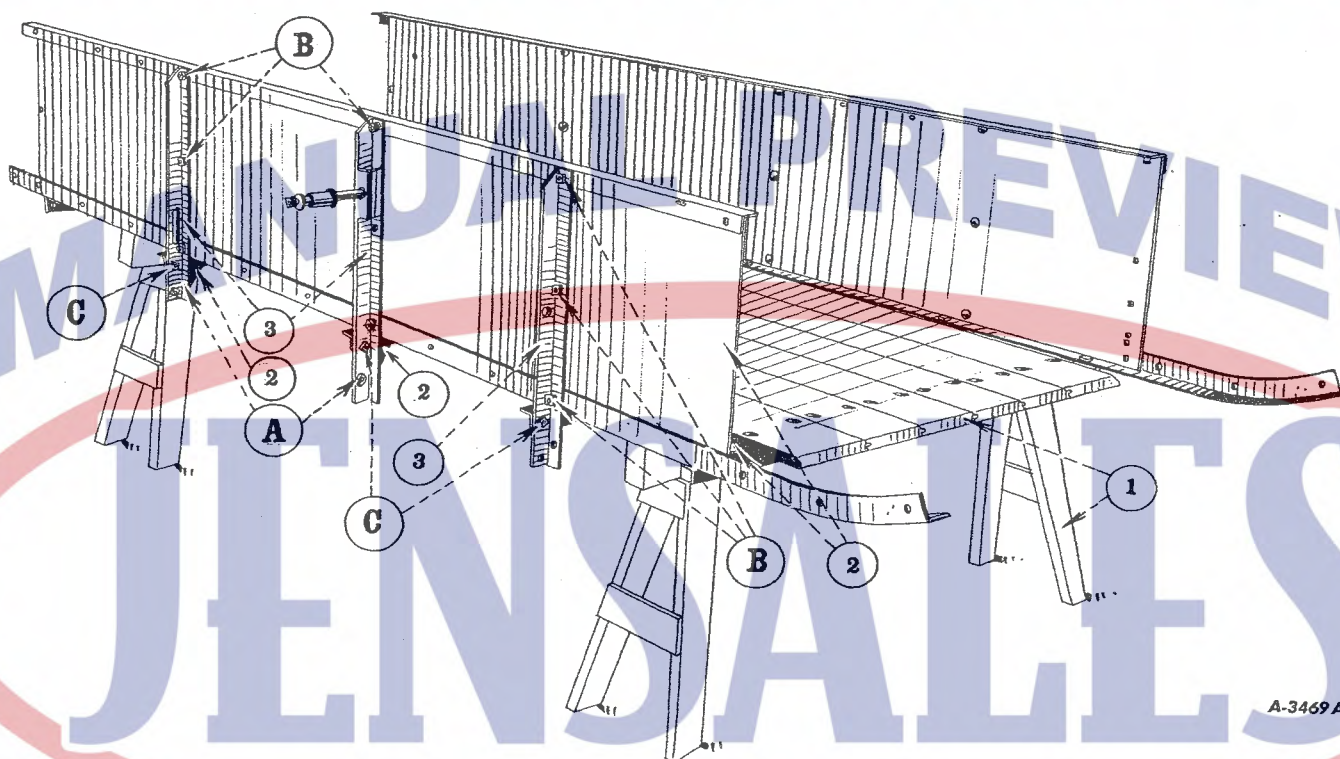


Illustration No. 1

1. Place bottom on wooden horses about 22" high and remove filler boards, right and left.

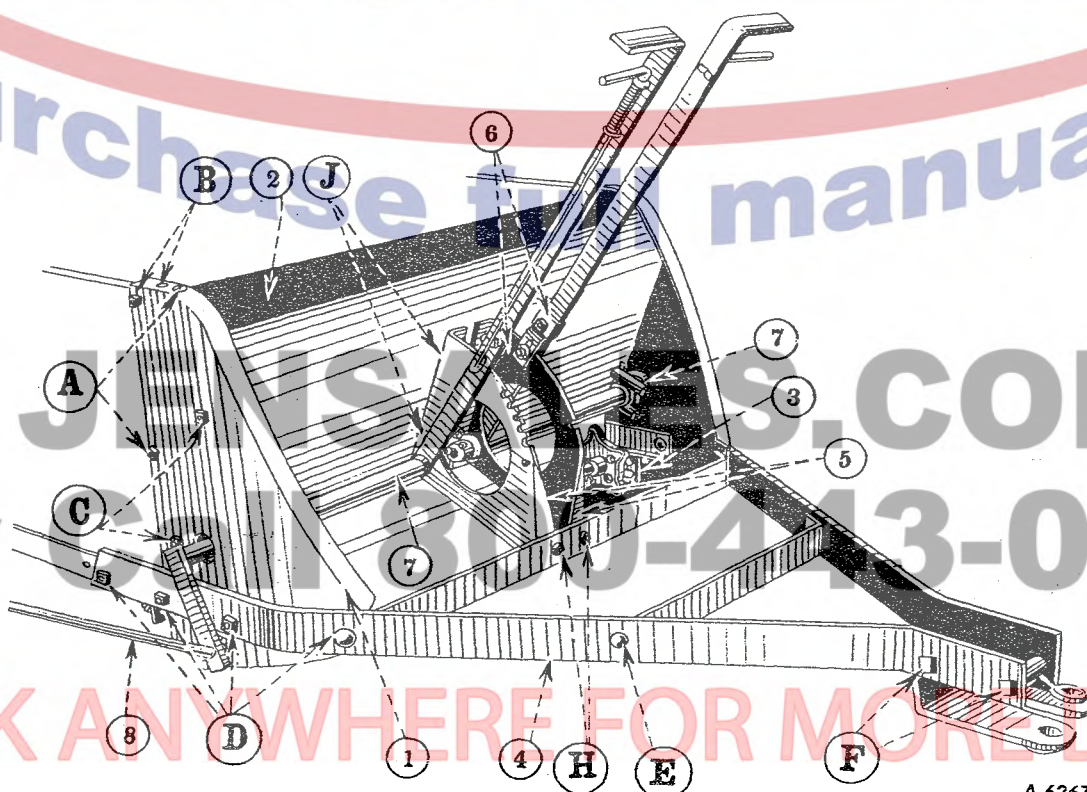
2. Attach sides and side angle gussets to bottom with $\frac{3}{8}$ x $\frac{7}{8}$ " machine bolts.

3. Attach angles to sides and gussets, using $\frac{3}{8}$ x $\frac{7}{8}$ " machine bolts at "A", $\frac{3}{8}$ x $\frac{7}{8}$ " carriage bolts at "B", and $\frac{3}{8}$ x 1" machine bolts at "C", placing angle with stud at left side middle.

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(See Illustrations Nos. 2 and 2A)

1. Attach side sheet support, right and left, with $3/8$ x $3/4$ " carriage bolts at "A". Leave bolts loose.
 2. Attach front end gate to side sheet supports with $3/8$ x 1" carriage bolts at "B" and $3/8$ x $3/4$ " machine bolts at "C". Leave bolts loose.
 3. Attach apron tighteners, complete to side sheets with $3/8$ x 1" machine bolts and $7/16$ " I.D. x 1" O.D. x 16 ga. plain washer. Insert straight lubricating fittings into apron sprockets.
 4. Attach drawbar frame as illustrated, using $1/2$ x $1-5/8$ " carriage bolts at "D", $1/2$ x $1-3/8$ " carriage bolts at "E", $1/2$ x $4-3/4$ " machine bolts at "F", and $1/2$ x $1-1/4$ " carriage bolts at "K".
 5. Attach sectors to end gate and drawbar brace rear with $3/8$ x $1-1/4$ " machine bolts at "H" and $3/8$ x $7/8$ " machine bolts at "J". Leave bolts loose.
 6. Remove control rod guide and clip from lever.
 7. Insert outer end of lever through hole in side plate, place inner half of bearing over pipe and insert inner end of lever through sector and secure with $1/4$ x $1-3/4$ " cotter. Place outer half of bearing over pipe and secure with $3/8$ x $3-1/4$ " machine bolts. Replace control rod and clip and insert $5/16$ x $3/4$ " cotter at "L".
- Tighten all bolts.
8. Attach chain raising rod and feed rod to levers and secure with $3/16$ x 1" cotter. (See Illustration No. 2A also.)



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Illustration No. 2A

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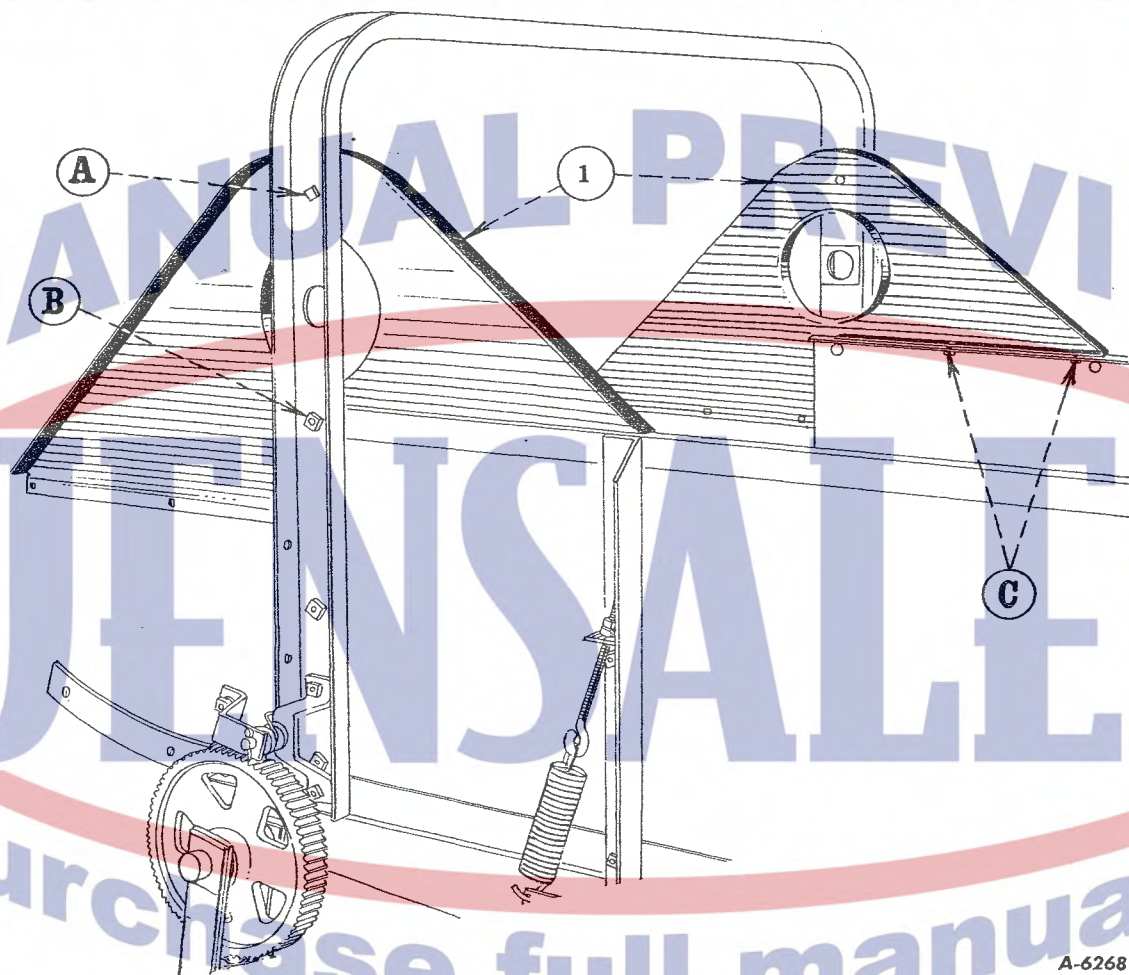


Illustration No. 5

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1. Attach upper cylinder guards, right and left, with $\frac{5}{16} \times \frac{5}{8}$ " carriage bolts at "A", $\frac{3}{8} \times \frac{7}{8}$ " carriage bolts at "B" and $\frac{1}{4} \times \frac{5}{8}$ " machine bolts at "C".

or Call 800-443-0625

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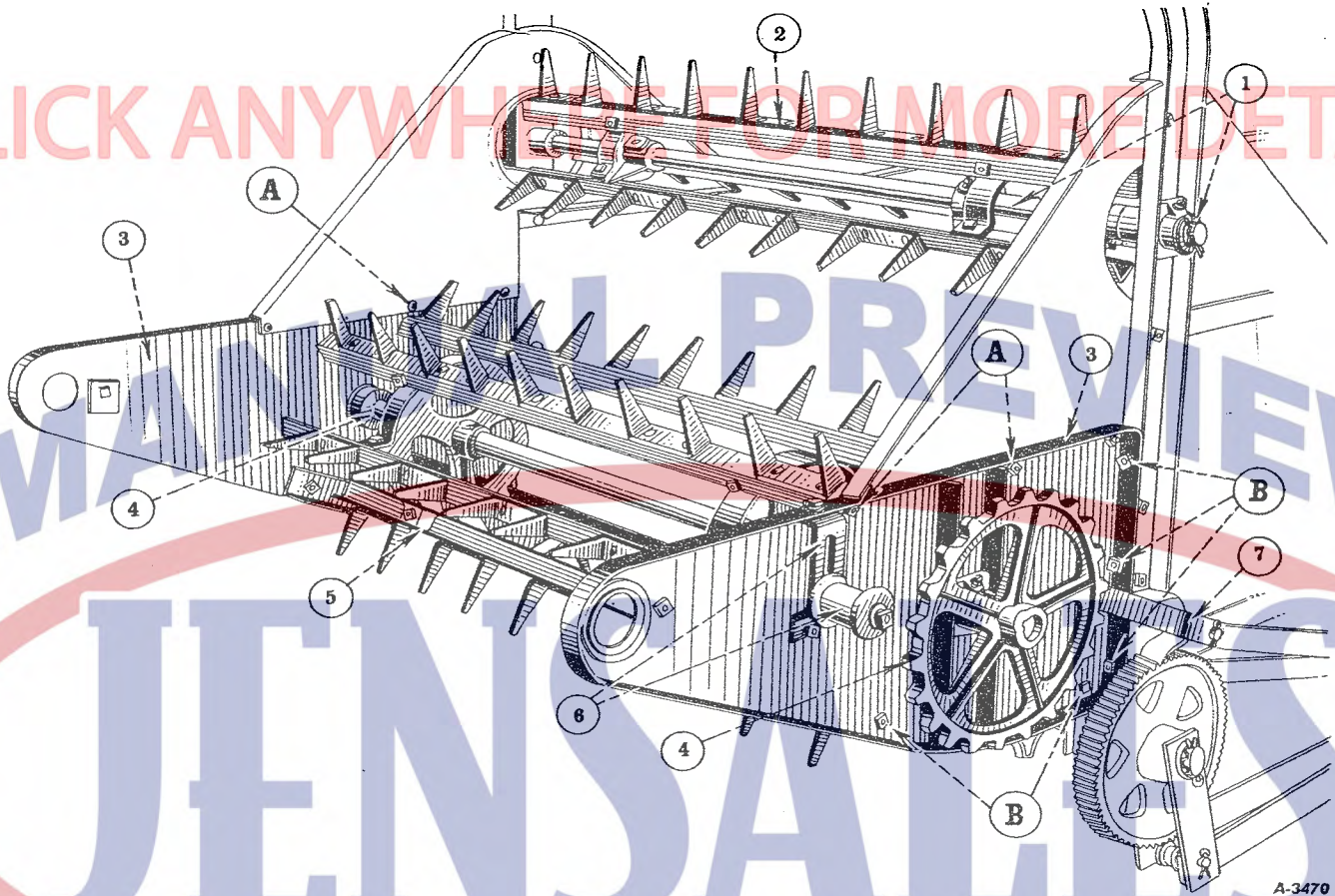


Illustration No. 6

1. Remove boxes and put upper cylinder shaft in place; replace boxes and washers and secure with cotters. Insert straight lubricating fitting into upper right box and 30° elbow lubricating fitting into upper left box.

2. Attach cylinder rails to cylinder head in the rotation shown in Illustration No. 6B. All rails must be located consecutively, with vertical legs of angles toward the rear.

3. Attach rear side plates, right and left, with 5/16 x 5/8" carriage bolts at "A" and 3/8 x 3/4" machine bolts at "B".

4. Remove boxes and put lower cylinder shaft in place; replace boxes and washers. Attach sprocket with 5/16 x 1-7/8" "Groov" pin. Insert straight lubricating fitting into lower side of right box and 30° lubricating fitting into left box.

5. Attach cylinder rails to cylinder head in the rotation shown in Illustration No. 6C. All rails must be located consecutively, with vertical legs of angles toward the rear.

6. Attach spiral drive chain tightener bracket with spool to side plate with 3/8 x 1" machine bolt.

7. Attach pawl bracket brace to side plate with 3/8 x 7/8" machine bolt.

8. Attach inner ratchet shield with 3/8 x 7/8" machine bolt at "C" and 3/8 x 1-3/4" machine bolt with 7/8" long spacer at "D".

(See Illustration No. 6A.)

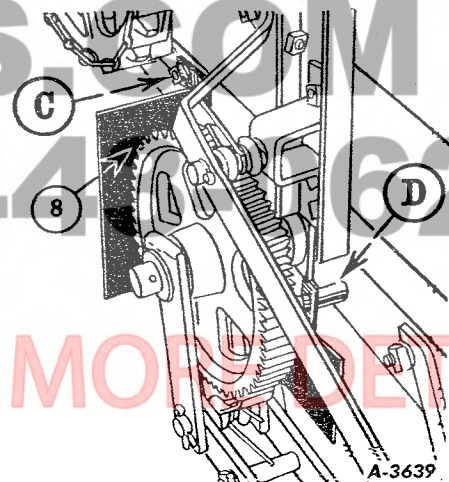
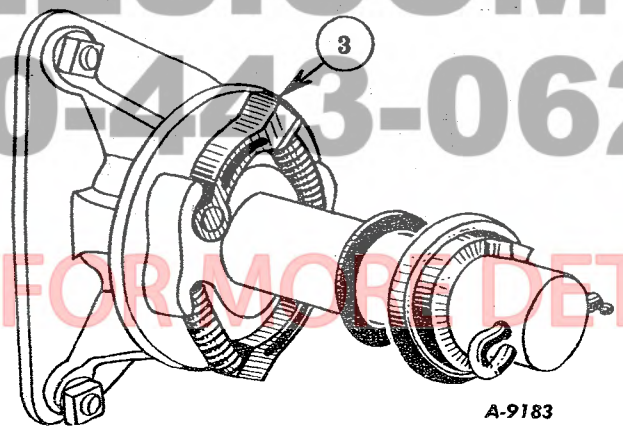
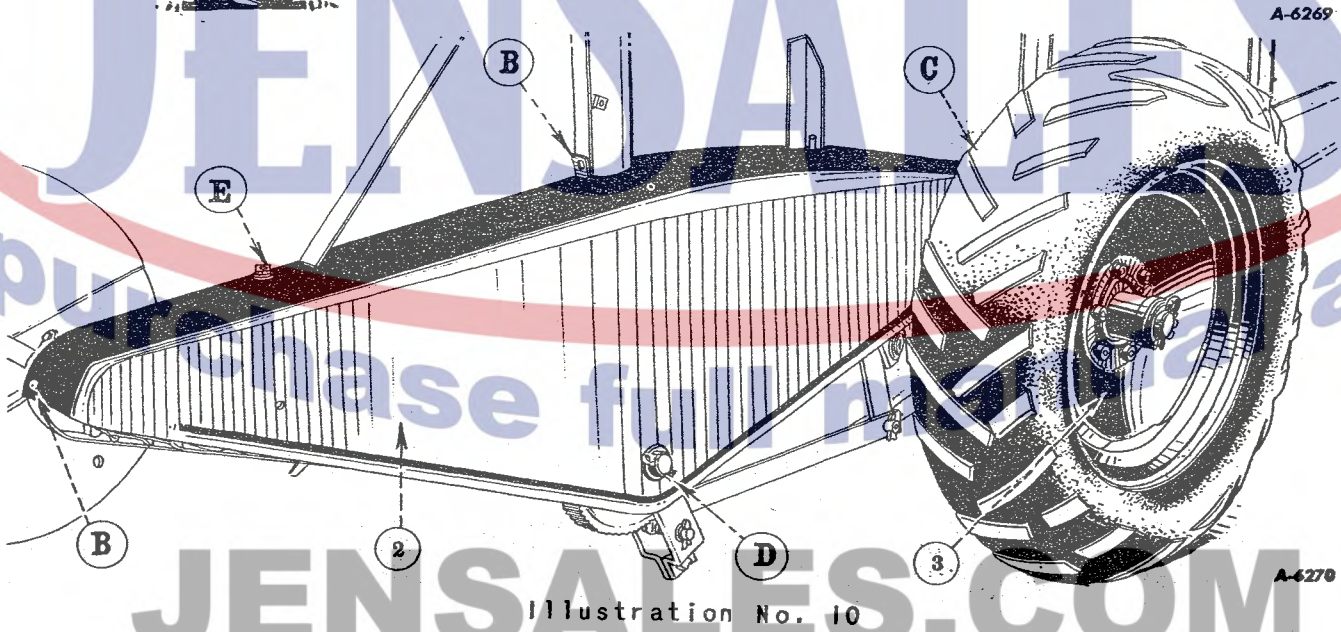
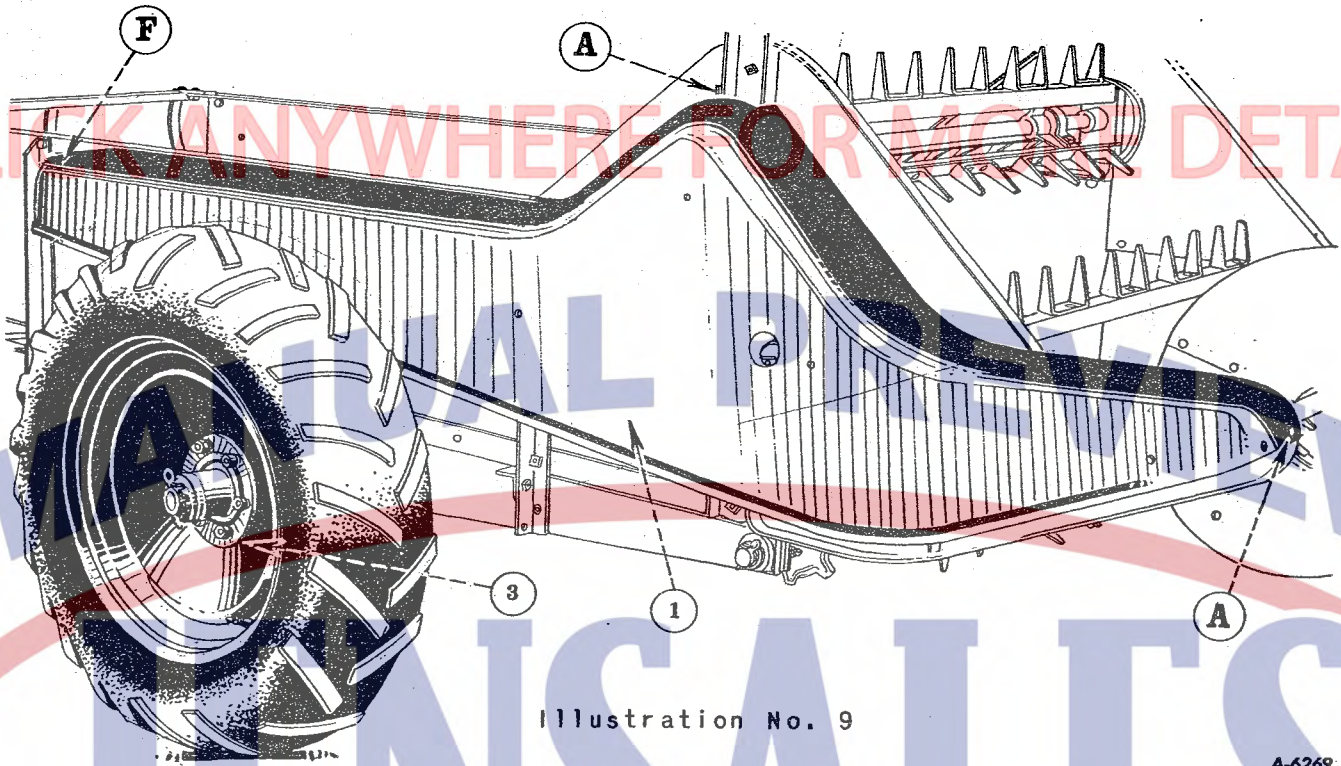


Illustration No. 6A



(For Instructions,
refer to page 14.)

(See Illustrations Nos. 9 and 10)

1. Attach chain raising shield with $1/4 \times 1/2$ " slotted head screws at "A" and $5/16 \times 3/4$ " machine bolt at "F".

2. Attach ratchet shield with $1/4 \times 1/2$ " slotted head screws at "B" and $3/8 \times 1$ " carriage bolt at "C", using notched washer and $1/4 \times 1-3/4$ " cotter at "D".

NOTE: Before attaching shield, remove bolt "E" and assemble through shield.

3. Place driving pawl springs in cam and attach wheels with step washer and linch pin. (See Illustration No. 10A also.)

NOTE: Keep wheels adjusted with take-up washers provided for outer end of rear wheels so as to have not more than $1/16$ " end play at all times. This should be checked frequently to prevent breakage of pawl plate.

Inflation pressure for 7.50 x 20 four ply pneumatic tires should be 24 lbs.

Tire manufacturers recommend that transport speeds do not exceed 20 miles per hour on this grade of tire equipment.

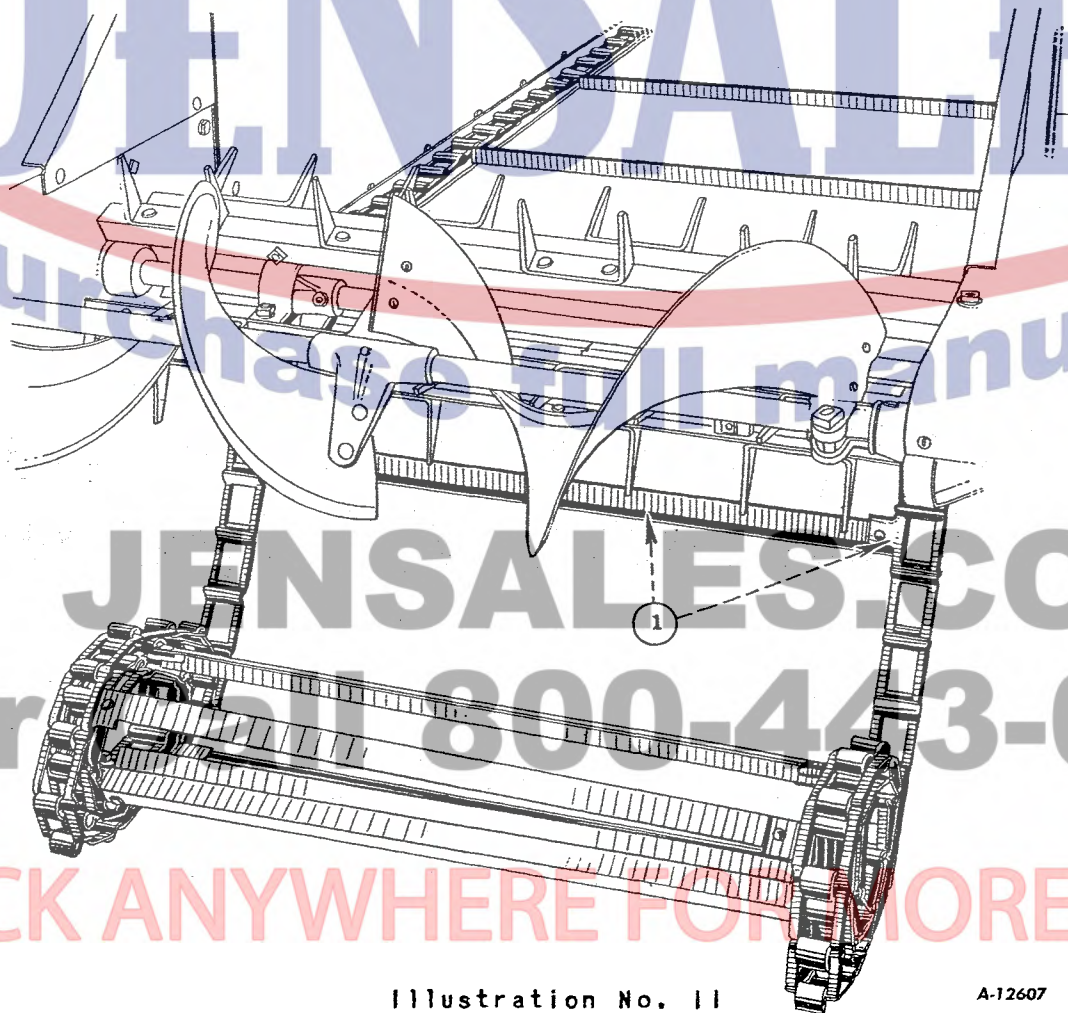


Illustration No. 11

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1. Put on apron so that vertical legs of angle bars are toward the rear; place chain over apron guides and couple chain.